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THE

COLLEGE YEAR-BOOK

AND

ATHLETIC RECORD

FOR THE ACADEMIC YEAR

1896–97

Compiled and Edited by

EDWIN EMERSON, JR.

NEW YORK
STONE & KIMBALL
MDCCCXCVII

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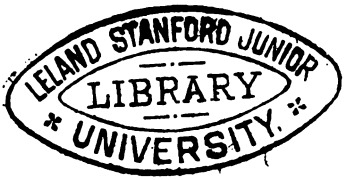

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PREFACE.

IN the selection and rejection of material for this book, the Editor has been guided by the standards established by the Federal Bureau of Education at Washington. Thus many schools conferring degrees or bearing the name of college have been omitted because they are not recognized as such by the Commissioner of Education. Other institutions of higher learning have suffered omission by reason of the limitations of their charters or the obvious restriction of their training. All theological seminaries, law schools, musical conservatories, academies of art, or colleges of medicine, pharmacy, and dentistry; all trade and business schools; all normal and teachers' institutes; schools of languages; summer and night schools, as well as most women's colleges, unless forming an integral part of some recognized university or institute of general learning, have been excluded, notwithstanding their educational merit or reputation. By the same rule, all requests to be included in this issue of the book, that were made by Canadian and other foreign universities, or by colleges conducted under American charters abroad, have reluctantly been denied by the Editor. The reason for this will be readily understood when it is recalled that the schools coming under the above classifications number thousands.

In all other cases strenuous efforts have been made to do justice to every school, college, institute, or university authorized to confer collegiate degrees. In pursuance of this aim, the

Editor endeavored to enter into correspondence with the presidents, secretaries, or other responsible officers of all American schools of higher learning enumerated in the official reports of the Bureau of Education, or in the lists of colleges printed in the annual summaries of metropolitan journals. Where such efforts failed, recourse was had to the various existing State Reports of Education, to cyclopedias and other available publications.

It is to be hoped that future issues of the book will afford an opportunity to atone for all insufficiencies and for any errors of fact or conception.

The Editor takes pleasure in returning thanks for the courteous aid rendered him by many college officers and graduates, and in acknowledging his indebtedness to the editors and publishers of the German year-book "Minerva," — to those of the almanacs issued by the New York World and Tribune, — of the "Spirit of the Times"; to the author of "American College Fraternities," and to George H. Emerson, his invaluable helpmate.

EDWIN EMERSON, JR.,
LIVINGSTON, STATEN ISLAND.

STONE HOUSE, October, 1896.

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THE

COLLEGE YEAR-BOOK.

ADD-RAN CHRISTIAN UNIVERSITY.

Waco, Tex. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,667	286	15	1	2,044

The school was founded in 1873, and was converted into a college and assumed its present name in 1890. It has been moved very recently from Thorp Spring to Waco, on the donation of fifteen acres and a building. It is governed by a board of fifteen trustees. The degree of B.A. is granted after a four years' course. The year is from September 2 to June 1. There are three literary societies: the Walton, Add-Ran, and Nolls, and there is an oratorical association. No secret societies are allowed. The students publish "The Collegian." In all 153 alumni have been graduated, the oldest of whom is E. Milwell, 1876, of Okla, Texas.

Faculty.

James W. Lowber, Ph.D., LL.D., Chancellor, Philosophy.
A. Clark, LL.D., President, Mental and Moral Philosophy.
W. B. Parks, A.M., Natural Science.
T. Louis Comparette, A.B., Ancient Languages.
R. Clark, A.M., History and English.
J. W. Froley, M.S., Mathematics.
W. B. Parks, A.M., Modern Lang's.
J. B. Sweeney, A.M., Sacred History.
A. C. Easley, A.M., Commercial School.
A. Taylor, A.M., Preparatory School.
Theodora Cayce, L.B., Assistant.
A. M. Chinn, Music School.
Sallie Cayce, Art School.
Theodora Cayce, L.B., Elocution.
Ida V. Jarvis, Sup't. Girls' Home.

ADRIAN COLLEGE.

Adrian, Mich. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,200	250	15	4	6,000

Adrian College was organized in 1859. It consists of four schools: the college, the theological seminary, the musical conservatory, and the preparatory school. It is governed by thirty trustees, six of

whom are elected by the alumni, and there is a ladies' committee of six. Admission is by examination and upon certificates. Degrees of B.A., B.S., B.L., B.Ph., and in Music are conferred. The expenses for the year, lasting from September 30 to June 24, are from $170 to $200. Prizes are given in English literature, oratory, and for the best essay.

The college grounds cover twenty acres, and the value of the property is estimated at $225,000. The literary societies are the Star, Lambda-Phi, and the Theological. Chapters of the following fraternities have been established: Δ T Δ, 1878; Λ T Ω, 1881; K K Γ, 1882; Σ A E, and Δ Δ Δ, 1890.

Faculty.

Denison C. Thomas, A.M., Ph.D., President, Mental Science.
George B. McElroy, Ph.D., D.D., Mathematics and Theology.
Martin L. Jennings, A.M., D.D., Greek and Hebrew.
James D. H. Cornelius, A.M., Latin.
Walter H. Howard, M.S., Physics and Chemistry.
Amsbury L. Reynolds, A.M., History and English Literature.
Orren L. Palmer, A.B., Academic Dept.
Thomas F. Rinehart, A.M., B.Mus., Piano.
Octa E. Wise, B.Mus., History of Music.
Belle M. Hamilton, Preceptress.
Frances L. Stearns, B.S., Natural History.
Libbie Gibbs, A.M., German and Greek.
Carrie B. Phelps, O.M., Elocution.
Libbie Gibbs, Registrar.
Mary J. True, Librarian.

ALABAMA POLYTECHNIC INSTITUTE.

Auburn, Ala. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$70,000	297	26	12	9,000

The college was established in 1872 as a school of industrial science. At that time Congress gave to the State a tract of 240,000 acres of land. Owing to a gift of a building from the Methodist Church at Auburn the college was located there. In 1883 the State appropriated $30,000 to construct an additional building, and to encourage technical education. In June, 1887, the main college building with all its equipments was burned to the ground, but was restored with the help of $30,000 insurance. In the following year Congress established an agricultural experiment station at the college, and appropriated $15,000 annually for its support. Further appropriations by the general and State legislatures brought the general income up to $70,000 a year.

The presidents have been the Rev. I. T. Ticknor, 1872–1882; William L. Broun, 1882–1883; David F. Boyd, 1883–1884, and William L. Broun, the present incumbent.

There are ten trustees, with two *ex-officio* members of the board. Admission is by examination, and upon certificate. Attendance at chapel and military drill are compulsory. There is no tuition fee, but an incidental fee of $12 a year is charged. The expenses for

the year, lasting from the first week in September to the first week in June, are from $140 upwards.

The literary societies are the Wirt and Websterian, holding contests on Thanksgiving Day and Washington's birthday. Besides two Christian Associations, and an athletic association including football and baseball teams, a glee club and chapters of the following fraternities have been organized among the students: Σ A E, 1878; Φ Δ Θ, 1879; A T Ω, 1879; K A, 1883; Σ N and Π K A.

The college publications are an annual report and the periodical bulletins of the agricultural station, a biennial report, a Y. M. C. A. handbook, and a fortnightly called the "Orange and Blue." The alumni of the college now number 400.

Faculty.

William LeRoy Broun, M.A., LL.D., President, Physics.
Otis D. Smith, A.M., Mathematics.
P. H. Mell, M.E., Ph.D., Botany and Geology.
James H. Lane, C.E., LL.D., Civil Engineering.
Charles C. Thach, A.M., English.
George Petrie, M.A., Ph.D., History and Latin.
A. F. McKissick, A.M., M.M.E., Electrical Engineering.
B. B. Ross, M.Sc., Chemistry.
Charles H. Ross, C.E., Ph.D., Modern Languages.
J. J. Wilmore, M.E., Mechanical Engineering.
C. A. Cary, B.Sc., D.V.M., Physiology.
Magnus O. Hollis, U.S.A., Military Science.
E. R. Miller, Phar.M., M.Sc., Pharmacy.
Lucien M. Underwood, Ph.D., Biology.
J. F. Duggar, M.Sc., Agriculture.
F. S. Earle, Horticulture.
B. H. Crenshaw, M.E., Mechanic Arts.
C. L. Hare, M.Sc., Chemical Laboratory.
R. J. Trammell, C.E., Engineering.
L. S. Boyd, M.Sc., Assist. Librarian.
W. M. Riggs, E. and M.E., Physical Laboratory.
J. P. Slaton, M.Sc., English.
H. H. Smith, B.Sc., English.
J. C. Thomason, B.Sc., Mathematics.
H. H. Kyser, B.Sc., Mechanic Arts.
H. H. Peevey, B.Sc., Civil Engineering.
S. L. Coleman, B.Sc., Chemistry.

ALBION COLLEGE.

Albion, Michigan. *Co-Educational.* *Methodist.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$34,000	630	31	7	15,000

History and Organization: Albion College was endowed as the Wesleyan Seminary in 1839, and opened in 1843. In 1849 the granting of degrees to women was authorized. In 1861 the present name and system were adopted. In all, 796 students have been graduated, 117 of whom are women. The general government of the institution is vested in a board of trustees, consisting of sixteen persons, six elected by the Detroit Conference of the Methodist Episcopal Church, six by the Michigan Conference, and three by the Society of Alumni. With the foregoing, the President of the college is asso-

ciated as a member *ex-officio*. The State appoints annually a Board of Visitors and Examiners to inspect the workings of the college, which Board makes a Report to the Superintendent of Public Instruction. Boards of visitors are also appointed by both the Detroit and Michigan Conferences, and also by the Society of Alumni.

In the interim of meetings of the Board of Trustees a certain measure of power is vested in an Executive Committee.

Admission, Degrees, etc.: Candidates must be sixteen years old, but can be admitted without examination on certificates from high schools. There is a department for preparatory study. The nature of the degrees is determined by the work of the first two years. The different degrees are B.A., B.S., B.Ph., B.L., with degrees for music and painting, as well as degrees of M.A., M.S., M.Ph., and LL.D. The college opens on September 24, and closes on June 27.

Equipment: There are new buildings for a chemical laboratory and gymnasium, and a new library building is under construction.

Faculty.

Rev. L. R. Fiske, D.D., LL.D., President, Intellectual and Moral Philosophy.
Delos Fall, M.S., Chemistry.
Carl B. Scheffler, Piano, Harmony, and Counterpoint.
Samuel D. Barr, A.M., Mathematics.
Robert S. Avann, A.M., Ph.D., Latin.
Frederick Lutz, A.M., Modern Languages.
E. Josephine Clark, A.M., Latin.
Charles E. Barr, A.M., Astronomy and Biology.
Dwight B. Waldo, A.M., History.
Rev. Frederick S. Goodrich, A.M., Greek.
William F. Oldham, D.D., English Bible.
Henrietta A. Bancroft, A.M., English.
Jennie A. Worthington, Piano and Harmony.
Franklin C. Courter, Drawing, Perspective, and Painting.
H. W. Mosher, Decorative Painting.
Jennie M. Whitcomb, Voice.
Charles L. McClellan, Commercial Department.
John M. Pearson, Piano and Organ.
Smith Burnham, Ph.B., History.
Carrie M. Bolster, Piano.
Wilber D. Engle, A.M., Chemistry.
R. Clyde Ford, Ph.B., German.
Kittie Eggleston, Violin.
W. H. Skillman, Physical Culture.
Mary Phelps, Art of Expression.
Ethel J. Calkins, Piano.
Lottie B. Kendrick, Shorthand and Typewriting.
David R. Lee, Greek.
Rev. B. S. Taylor, M.D., Librarian.
Charles E. Barr, A.M., Registrar.

ALFRED UNIVERSITY.

Alfred, N. Y. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$29,029	123	17	5	10,000

From a select school of that name begun in 1836, Alfred Academy was incorporated in 1843. The charter of the University was granted in 1857. It comprises departments of liberal learning, mechanic, industrial, and fine arts, music and theology, and a preparatory school. The board of trustees numbers twenty-eight members. It has $250,000 of invested funds, and property worth $400,000. There are four lyce-

ums, two for men and two for women, a science club, Christian Association, and athletic association. A very large proportion of the 724 graduates of Alfred have worked their way through college. The college year extends from September 10 to June 25. The sixtieth anniversary was celebrated in 1896.

Faculty.

Boothe Colwell Davis, A.M., D.B., President, Doctrinal Theology and Philosophy.
Edward M. Tomlison, A. M., Greek Language.
Henry C. Coon, A.M., Ph.D., M.D., Physics and Chemistry.
Alpheus B. Kenyon, S.M., Mathematics.
Frederick S. Place, A.M., D.B., Industrial Mechanics and Astronomy.
Charles M. Post, A.M., Ph.D., M.D., Natural History.
Lester C. Rogers, A.M., D.B., History and Political Science.
Lewis A. Platts, A.M., D.D., Pastoral Theology and English.
Francis A. J. Waldron, A.M., Latin.
Martha B. Saunders, A.M., Romance and Germanic Languages.
William C. Whitford, A.M., Biblical Languages and Literature.
Earl P. Saunders, A.M., Preparatory School.
Inez R. Maxson, A.M., Ped. B. Preparatory School.
George W. Hill, Physical Culture and Elocution.
Amelia E. Stillman, A.M., Painting and History of Art.
Eleanor Ellsworth, A.M., Decorative Art.
Mary E. Brynes Main, Music.

ALLEGHENY COLLEGE.

Meadville, Pa. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$22,000	761	17	4	14,000

Allegheny College was founded by Timothy Alden and other citizens of Meadville, in 1815. A charter was obtained in 1817, and the foundations of the first building, Bentley Hall, were laid in 1820. In 1833 the school passed into the control of the Methodists. Women were admitted as students in 1870.

The presidents have been: the Revs. T. Alden, D.D., 1817–1833; Martin Ruter, D.D., 1833–1837; Homer J. Clark, D.D., 1837–1847; John Barker, D.D., 1847–1860; George Loomis, D.D., 1860–1874; Lucius H. Bugbee, D.D., 1875–1882; David H. Wheeler, D.D., LL.D., 1883–1888; W. G. Williams, D.D., 1888–1889; D. H. Wheeler, D.D., LL.D., 1889–1893; and Wm. H. Crawford, D.D., 1893.

The government of the college is vested in forty-seven trustees. Admission is by examination and upon the certificates of high schools. Three courses of study lead to degrees of B.A., and a fourth to the degree of C.E. The master's degree is conferred after one year of post-graduate study. During the first three years military drill is compulsory for all male students. Attendance at chapel is compulsory for all. The expenses for the year, lasting from September 19 to June 29, are $160.

The college grounds cover thirteen acres, and are situated two hundred feet above the river. The natural history museum contains good

collections of minerals, shells, and entomological specimens. The literary societies are: the Allegheny, the Philo-Franklin, and the Ossoli, the last of which is for women. Between them they own some 3,600 books. There are two Christian Associations and an athletic association, with foot-ball, base-ball, and basket-ball teams, and an alumni association. Chapters of the following fraternities have been organized: ΦΚΨ, 1855; ΦΓΔ, 1860; ΔΤΔ, 1863; ΦΔΘ, 1879; ΚΑΘ, 1882; ΣΑΕ, 1887; ΚΚΓ, 1888; and A. C. C. B. The students publish "The Kaldron," an annual, and "The Campus," a weekly.

The graduates number 1,044, of whom 844 are living. The most prominent among these are William McKinley, Governor Lowndes of Maryland, and Senator Allison of Iowa, while the oldest is William Reynolds, 1837, of Meadville, Pa.

Faculty.

William H. Crawford, D.D., President, Social Science.
Jonathan Hamnett, D.D., Librarian.
James H. Montgomery, Ph.D., Physics and Chemistry.
John W. Thomas, A.M., French and German.
William T. Dutton, C.E., Civil Engineering and Mathematics.
William A. Elliott, A.M., Greek and Latin.
Lieut. John K. Cree, U. S. A., Military Tactics.
Calvin L. Walton, A.M., Chemistry.
Clarence F. Ross, A.B., Greek and Latin.
Charles S. Jewell, A.B., Latin and Mathematics.
Ellen W. Laffer, A.M., Principal.
M. Blanch Best, Physical Training.
W. J. Merchant, A.B., Tutor.
Laura Temple, A.B., Tutor.

ALLEN UNIVERSITY.

Columbia, S. C. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
	253	7	2	1,500

The university was incorporated in 1881 for colored students. Its presidents have been Dr. J. C. Waters, 1881–1885; J. W. Morris, A.M., LL.B., 1885–1894; John Q. Johnson, A.B., B.D., 1894–1895. Since 1884, when the first class was graduated, 220 students have taken degrees in the collegiate and normal departments. The college is governed by a board of twenty-one trustees. Degrees of B.A., E.S., B.L., and LL.D. are conferred.

Faculty.

Joseph W. Morris, M.A., LL.B., President, Greek, Philosophy, Latin, English.
Joseph C. Williams, B.S., Rhetoric and Pedagogy.
James L. Bumgardner, B.S., LL.B., Mathematics and Latin.
H. Josie Prioleau, Intermediate Department.
F. H. Thomas, Musical Department.
Emma E. Felder, Primary Department.
Emilia M. Carr, Primary Department.
Chinca D. Wall, Industrial.

ALMA COLLEGE.

Alma, Mich. *Co-Educational.* *Presbyterian.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$12,000	268	18	6	14,000

History and Organization: The Presbyterians of Michigan in 1886 established this college with $120,000 received from three churches. Since that time it has received annual gifts from all the churches in the State. Its first president was George F. Hunting, D.D., who had charge of the college from 1887 to 1891. Since then the present incumbent of the president's chair has had charge. The college is governed by twenty trustees. Classical, philosophical, scientific, and literary courses are offered, leading to appropriate degrees. There is a library with 14,000 books, a gymnasium, and a laboratory building. Attendance at chapel is compulsory. The college grounds cover twenty-nine acres. There are five literary societies. Students for the ministry may receive $80 per year. Three prize scholarships are offered. The academic year extends from September 11 to June 19.

Faculty.

August F. Bruske, D.D., President, Biblical Literature and Theism.
Kendall Brooks, D.D., Mathematics.
Joseph W. Ewing, A.M., Physics and Preparatory.
Mary C. Gelston, A.M., Lady Principal, Latin.
Charles A. Davis, A.M., Natural Sciences.
John T. Ewing, A.M., Ancient Languages.
Helen Church, Modern Languages.
Anna B. Gelston, Ph.B., Latin and English.
Rev. W. F. Jones, B.D., English Bible.
Eleanora Bushnell, Music.
Kate L. Booth, Art.
Mary D. Plum, Kindergarten Training.
Amos W. Beckner, Commercial Department.
Lizabeth B. Case, Librarian.
Charles A. Davis, Secretary.
John T. Ewing, Registrar.

AMERICAN UNIVERSITY.

Washington, D. C. *Men.* *Methodist Episcopal.*

This university, which has not as yet been organized, was chartered by Congress in 1893. At that time fifty trustees were appointed, and funds and real estate aggregating $1,040,000 subscribed. With a part of these funds a site of ninety acres, on both sides of Massachusetts Avenue, in the northwestern part of Washington, has been purchased, and the construction of one building, the History College, has been begun. Other buildings, for colleges of literature, philosophy, technology, law, art, and the sciences are to follow. In the meanwhile the "University Quarterly" is published by the university.

Officers.

John F. Hurst, LL.D., Chancellor.
Samuel L. Beiler, Vice-Chancellor.
Albert Osborne, Registrar.

AMHERST COLLEGE.

Amherst, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings.	Books,
$108,000	460	33	15	65,000

History: Amherst College was opened on Sept. 19, 1821, as a result of a private endowment. By its charter of 1825 it was given the privilege of electing its own trustees, not to exceed seventeen, ten of whom were to be laymen. After the expiration of their terms, all vacancies in the board of trustees were to be filled by the legislature of the State. By an act of the legislature in 1874 the election of trustees was transferred to the alumni of the college. The presidents have been the Rev. Drs.: Zephaniah Swift Moore, 1821–1823; Heman Humphrey, 1823–1845; Edward Hitchcock, LL.D., 1845–1854; William Augustus Stearns, LL.D, 1854–1876; Julius Hawley Seelye, LL.D., 1876–1890; Edwards Gates, LL.D., L.H.D., since 1890.

In all, 3,650 students have been graduated, of whom 2,500 are living. The oldest living graduate is Prof. E. Sayre, of Monticello, Mo., who took his degree in 1828.

Organization: The college is governed by a board of seventeen trustees, seven of whom are clergymen. The Faculty, consisting of the entire force of instructors, has charge of all matters of discipline and study. The undergraduates are represented in the Faculty by a committee of students, to whom is accorded the privilege of attending Faculty conferences.

The College Course: Candidates for admission must be fifteen years old. In the classical course the studies of the first year are prescribed; in the sophomore year four out of twelve courses are elective; in the junior and senior years the choice of studies is unrestricted. In the scientific course, two languages besides English are required; two courses in natural science are continued throughout; all the rest are elective. Examinations for admission are in writing, but certificates of fitness from certain preparatory schools are accepted in lieu of examination. In addition to the degrees of B.A. and B.S., that of M.A. may be acquired after residence and study of one year, and that of Ph.D. after two years' study. Attendance at gymnastic exercises is compulsory. Negroes are admitted.

Dues, Scholarships, and Prizes: The general term-bill is $110 a year; rent in dormitories is from $35 to $36. The following fellowships are established: Two for $250, and one on the income from $30,000, to an alumnus spending three years at a German University or four years of lectures at the college. There are senior prizes, $80 and $40, for scientific evidences of religion; $60 for Greek; thirteen of from $10 to $40 for Latin; two of $50 and $30 for biblical literature; ten of from $40 to $100 for English; two of $40 and $20 for German; two of $20 and $40 for mathematics and physics; five of from $5 to $50 for science; and four of from $50 to $100 for general culture. There are in all forty-four scholarships from the interest of $180,000. The entire proceeds of the college amount to $108,000, the interest of $1,320,000.

The academic year embraces thirty-seven weeks, beginning in the middle of September and closing on the last Wednesday in June. Vacations are at Christmas and Easter.

College Adjuncts: There is a gymnasium under the care of two physicians, two new dormitories, a chapel, attendance at which is compulsory, a library and art collections with a fund of $3,000, and an observatory. The campus covers fifteen acres, while "Pratt Field," the athletic ground, covers thirteen acres.

The students publish the "Amherst Student," the "Amherst Literary Monthly," and the "Olivet." Besides a Christian association and athletic association, with football, baseball, and other teams, and a glee and banjo club, chapters of the following fraternities have been organized: Φ B K, 1837; A Δ Φ, 1837; Ψ Υ, 1841; Δ K E, 1846; Δ Υ, 1847; Z Ψ, 1858–65; X Ψ, 1864; X Φ, 1873; B Θ Π, 1883; Θ Δ X, 1885. Φ Δ Θ, 1888, and "Sarcophagus," 1896.

Faculty.

Merrill Edwards Gates, Ph.D., LL.D., L.H.D., President, Philosophy.
Rev. William Seymour Tyler, D.D., LL.D., Greek.
Edward Payson Crowell, D.D., Latin.
Edward Hitchcock, M.A., M.D., Hygiene and Physical Education.
William Cole Esty, LL.D., Mathematics and Astronomy.
Elijah Paddock Harris, Ph.D., LL.D., Chemistry.
Benjamin Kendall Emerson, Ph.D., Mineralogy and Geology.
Rev. Heman Humphrey Neill, M.A., English Literature.
Anson Daniel Morse, LL.D., History.
Henry Bullard Richardson, M.A., German.
John Mason Tyler, Ph.D., Biology.
Charles Edward Garman, M.A., Mental and Moral Philosophy.
David P. Todd, Ph.D., Astronomy, Secretary of the Faculty.
Rev. John Franklin Genung, Ph.D., Rhetoric.
Henry Allyn Frink, Ph.D., Logic, Rhetoric, and Public Speaking.
William Lyman Cowles, M.A., Latin.
Arthur Lalanne Kimball, Ph. D., Physics.
George Daniel Olds, M.A., Mathematics.
J. R. Sitlington Sterrett, Ph.D., Greek.
Rev. Edwin Augustus Grosvenor, M.A., European History.
Rev. John Ellery Tuttle, D.D., Biblical History and Interpretation.
Levi Harry Elwell, M.A., Greek and Sanskrit.
William Stuart Symington, Ph. D., Romance Languages.
Ephraim Lincoln Wood, M.A., Latin.
Joseph Osgood Thompson, Ph.D., Physics.
Arthur John Hopkins, Ph.D., Chemistry.
James Walter Crook, B.A., Political Economy.
Hiram Henry Seelye, M.A., M.D., Physical Education.
Richard Francis Nelligan, Floor and Field Athletics.
William Pingry Bigelow, B.A., German and Music.
Thomas Cushing Esty, B.A., Mathematics.
Willard James Fisher, B. A., Biological Laboratory.
Edward L. Sumner, Vocal Music.
Ephraim Lincoln Wood, M.A., Registrar.
William Isaac Fletcher, M.A., Librarian.
Edward Dickinson, Assist. Librarian.

AMITY COLLEGE.

College Springs, Iowa. *Co-Educational.* *Christian Church.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	246	12	5	2,500

The College, founded by Silas Thomas in 1853, was incorporated in 1855, and became a college in 1872. Its presidents have been: the Rev. Marion Morrison, D.D., 1871–1872; the Rev. A. T. McDill, A.M., 1872–1877; the Rev. S. C. Marshall, D.D., 1877–1883; the Rev. T. J. Kennedy, D.D., 1883–1892, and W. W. Chandler, Ph.D., 1892–1894.

It has eleven acres of land. The degrees are: B.A., B.S., B.L., M.A., and B.Ph. There are three literary societies: the Athenian, Aeolian, and Ionian; an athletic association, and two Christian associations. "The Amitonian" is the name of a monthly journal published by the college. Since the foundation of the school, 121 students have been graduated, 117 of whom are living. Of these James Anderson, 1879, of Omaha, is the oldest. The academic year is from September 1st to June 12th. Total expenses are $150 a year.

Faculty.

J. M. Littlejohn, A.M., LL.B., D.D., President, Mental, Moral, and Political Science.
Perry W. Jenkins, A.M., Mathematics and Astronomy.
Howard K. Holcomb, M.S., Natural Sciences.
I. A. Blackwood, A.M., Greek and Elocution.
Mattie E. McFarland, M.S., English.
Clara B. Brown, A.B., Latin and German.
H. L. Sayler, M.Accts., Comm. Dep't.
Geneva Fleming, Shorthand and Typewriting.
Kate M. Leonard, B.M., Music.
Damaris Wright, Orchestral and Vocal Music.
Miss Hunter, Art.
P. W. Jenkins, A.M., Librarian.

ANTIOCH COLLEGE.

Yellow Springs, O. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	214	21	3	7,000

The college was founded in 1852. It is governed by twenty trustees. Admission is upon certificates mainly. Three parallel courses lead to degrees of B.A., B.Ph., and B.S. The master's degree in art and science is conferred after one year of graduate study. A fee of $5.00 is charged for diplomas. The expenses for the year, lasting from September 16 to June 22, are $130 to $150. The literary societies are the Union and Star, the former of which owns a library of six hundred books. The graduates number 200, of whom 150 are living. The oldest of these is the Rev. J. B. Weston, D.D., '56, of Stamfordville, N. Y.

Faculty.

Daniel A. Long, A.M., D.D., LL.D.; President, Philosophy.
Frank H. Tufts, A.M., Mathematics.
George S. Brown, A.M., Latin and Greek.
Eleanor C. Lewis, A.M., Modern Languages and English.
George A. Hubbell, A.M., Geology and English.
William J. Hancock, M.S., Chemistry, Physics, and Biology.
Frank L. Tufts, A.M., Physics and Astronomy.
J. Peery Miller, History and English.
J. M. Harris, A.M., M.D., Physiology.
Stephen G. Palmer, Latin and Greek.
Nelson H. Clark, Chem. and Physics.
Jessie E. Brown, Instrumental Music.
George S. Brown, A.M., Voice Culture.
Glendora Jones, Art.
Pearl A. Means, Elocution.
C. L. Neibel, Commer. Department.
Herbert B. Judy, Drawing.
Eleanor C. Lewis, A.M., Librarian.
Mrs. E. W. Humphreys, Matron.
J. Peery Miller, Secretary of Faculty.
George A. Hubbell, A.M., Manager of Boarding Hall.

ARKANSAS COLLEGE.

Batesville, Ark. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
	110	7	2	3,600

Arkansas College was founded by Isaac J. Long, its first president, in 1872. He was succeeded by his son E. R. Long, who was in turn succeeded by Mr. Cleland, the present incumbent, in 1895. The college is governed by nine trustees. Students are admitted on certificates from high-grade preparatory schools, or from the college preparatory department. The degrees are B.A. and B.S. At least fifteen recitations per week are required of all students, as is attendance at chapel and gymnastic drill. The expenses for the year, lasting from September 16 to June 10, are $144, of which $55 is paid for tuition. The students publish the "College Magazine," and maintain three literary societies, of which the Philomathean and Erosophic are for men, and L'Etoile for women. The organization of a branch of the Y. M. C. A. has been undertaken by the college, and an athletic association is expected to follow the recent equipment of a gymnasium. There have been 106 graduates.

Faculty.

John I. Cleland, M.A., President, Philosophy and Greek.
Charles F. Bizzell, M.A., English, History.
D. Manton Frierson, M.A., Mathematics, etc.
Eugene C. Blanford, B.Lit., Latin and Modern Languages.
Rev. J. E. Latham, M.A., Bible Study.
J. Garnett Wood, Preparatory Department.
Julia Shive, Primary Department.

ARKANSAS INDUSTRIAL UNIVERSITY.

Fayetteville, Ark. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	964	73	6	7,000

The university was founded in 1871. It is situated in the heart of Ozark Mountains, sixteen hundred feet above the sea. The affiliated Normal College, which was added in 1875, is at Pine Bluffs. The medical school is at Little Rock, Ark. The school is governed by six trustees. Tuition in the university is free except in law, medicine, and music. Other expenses are estimated at $100. Eighty-one scholarships for residents of Arkansas have been established. The degrees are B.A., B.S., C.E., M.E., and E.E. The master's degree is given after one year of post-graduate study, and the doctor's degree after three years. The college year is from September 16 to June 17.

Besides a library with 3,000 volumes, there is a museum rich in Arkansas specimens. Six laboratories are used.

The students publish the "Ozark." There are three literary societies, an athletic association, and a Christian Association. A chapter of A T Ω was organized in 1882. In all 171 alumni have been graduated, 163 of whom are living.

Faculty.

John Lee Buchanan, M.A., LL.D., President, Psychology and Ethics.
Albert Ernest Menke, D.Sc., F.C.S., Ph.D., Chemistry and Physics.
Jerome Fee McNeill, B.S., M.A., Biology and Geology.
Richard Henry Willis, M.A., Ph.D., English and Mod. Lang.
Charles Volney Kerr, Ph.M., M.E., Engineering.
Julius Franklin Howell, A.M., History and Pedagogics.
Elias Chandler, U. S. A., Military Science and Tactics.
John Clinton Futrall, M.A., Ancient Languages.
Harrison Randolph, M.A., Mathematics, etc.
William Burdelle Bentley, A.M., Chemistry and Physics.
George Wesley Droke, A.M., Math.
Seth Eugene Meek, M.S., Ph.D., Biology and Geology.
Julius James Knoch, M.S., C.E., Civil Engineering.
William Nathan Gladson, B.M.E., Electrical Engineering.
Ida Pace, A.B., Eng. and Mod. Lang.
Edgar Finley Shannon, B.A., Ancient Languages.
Boling James Dunn, A.M., Preparatory Department.
William Ferdinand Bates, Agriculture.
Jessie Lee Cravens, B.L., Elocution.
Mack Martin, B.M.E., Mechanic Arts.
George Albert Cole, A.M., Math.
Mary Elizabeth Washington, M.E.L., Geography and English.
Naomi Josephine Williams, A.M., Latin and History.
Emma Wilmer Cole, M.L.L., History and Mathematics.
Mary Anne Davis, English.
Frank Pierce Nicholas, Woodworking.
Anna H. Edmiston, Instru. Music.
Anna Dinsmore Davis, Vocal Music.
Amarinthia Leverett, Art.
George Vaugn, Latin.

AGRICULTURAL STATION.

Robert Love Bennett, B.S., Director.
Robert R. Dinwiddie, V.S., M.D., Pathologist, etc.
George Lincoln Teller, M.S., Chemist.
John Turner Stinson, B.S., Horticulturist.

John Franklin Moore, B.S., Chemist.
George B. Irby, B.A., Agriculturist at Newport.
C. L. Newman, B. S., Agriculturist at Camden.
Charles John Eld, English.
Julia Angelina Garside, Librarian.

MEDICAL DEPARTMENT.

P. O. Hooper, M.D., Medicine.
Edwin Bentley, M.D., Surgery.
James A. Dibrell, Jr., M.D., Anatomy.
A. L. Breysacher, M.D., Obstetrics.
John J. McAlmont, M.D., Therapeutics, Botany, etc.
James H. Southall, M.D., Medicine.
Roscoe G. Jennings, M.D., Surgery.
Claibourne Watkins, M.D., Diagnosis and Clinics.
James H. Lenow, M.D., Genito-Urinary Organs.
L. P. Gibson, M.D., Anatomy.
Louis R. Stark, M.D., Gynecology.
E. R. Dibrell, M.D., Physiology.
C. S. Gray, M.D., Opthalmology and Otology.
S. H. Kempner, M.D., Histology, Pathology and Urinology.
W. H. Miller, M.D., Anatomy and Adjunct Professor of Obstetrics.
Frank Vinsonhaler, M.D., Clinical Opthalmology and Otology.
T. N. Robinson, Medical Chemistry and Toxicology.
L. Augspath, D.D.S., Oral Surgery.
E. E. Moss, A.M., LL.B., Medical Jurisprudence.
F. H. Clarke, U. S. Weather Bureau, Meteorology.

LAW DEPARTMENT.

Frank M. Goar, LL.B., Dean.
G. B. Rose, John Fletcher, J. C. Marshall, J. H. Carmichael, Lecturers.

NORMAL DEPARTMENT.

J. C. Corbin, A.M., Principal.
James C. Smith, A.B., Mathematics.
Annie C. Patillo, Languages.
Thomas S. Childress, L.I., Penmanship.

ARMOUR INSTITUTE.

Chicago, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$94,000	1,000	40	8	15,000

Armour Institute was founded by Mr. Armour, of Chicago, in 1893. It is intended for those seeking a practical technical education, but is not a free school. There are departments of chemistry, engineering, architecture, library work, domestic arts, and all forms of mechanical and domestic work, as well as commercial and musical courses. The junior and senior years embrace in sequence: kinematics, machine-drawing and design, study of materials, steam-engineering, thermo-dynamics, boilers, hydraulics, applied mechanics, statics, dynamics, and extensive practice in engineering laboratory, with extended inspection visits and reports, leading up to thesis work.

There are some eight buildings in all, five of which are used for dormitories. Gymnasium drill is provided, but is not compulsory. No chapel service. The Armour Mission alone is endowed with a fund of $2,000,000, maintains a library of 16,000 volumes for 2,200 pupils, and publishes "The Mission Visitor." The students maintain a Christian Endeavor society, a Saturday Night Club, Young Women's club, Chord Club, Technical Association, Engineers' Club, Arena, Glee and Mandolin Club, and an Athletic Association, with

base-ball and football teams. The college year lasts from September 20 to June 19.

Faculty.

Frank Wakely Gunsaulus, D.D., President.

TECHNICAL COLLEGE.

Thomas Conant Roney, A.M., English Literature and Dean.
Frank C. Hatch, Sc.D., Steam and Mechanical Engineering.
Wiber M. Stine, M.S., Ph.D., Electricity and Electrical Engineering.
James C. Foye, Ph.D., LL.D., Chemistry and Chemical Engineering.
Louis J. Millet, Architecture and Design.
Katherine L. Sharp, Ph.M., B.L.S., Library Economy.
Victor Clifton Alderson, M.A., Mathematics.
Louis C. Monin, Ph.D., Modern Languages and Logic.
Albert B. Porter, B.S., Physics.
Thomas Grant Allen, M.A., Chemistry.
May L. Bennett, A.B., Library Economy and Librarian.
Walter F. Shattuck, B.S., Mathematics and Construction.
Abram M. Feldman, B.S., M.E., Mechanism.
Truman P. Gaylord, B.S., Electricity.
Henry Barrett Learned, M.A., History and Civics.
William K. Fellows, Ph.B., Designing and Drawing.
John D. Young, Assaying and Metallurgy.
Peter S. Dingey, Wood Working.
Edward D. Agle, Machine Tool Work.
Jessie S. Van Vliet, Library Economy.
Mary G. Hess, Decorative Designing.
C. D. Wade, Water Color.
Pauline A. Dohn, Freehand Drawing.
David Gorrie, Forging.
David Layton, B.S., Mathematics.
William Craig, Gymnastics.
Margaret Mann, Irene Warren, Library Assistants.
Samuel S. Posey, B.S. in C.E., Drafting.
John C. Snow, Electrical Laboratory.
Alfred Weller, Electrical Mechanician.

SCIENTIFIC ACADEMY.

Professor Roney, Director and Instructor in English.
Professor Alderson, Mathematics.
Professor Foye, Qualitative Analysis.
Professor Monin, Modern Languages.
Professor Allen, General Chemistry.
William H. Runyon, A.M., Physics.
Rosa C. Lang, German.
Henry Barrett Learned, A.M., History and Civil Government.
Margaret W. Morley, Biology.
Carrie Wright, A.B., Latin.
David Layton, B.S., Mathematics.
William J. Bowen, A.B., Mathematics.

DEPARTMENT OF MUSIC.

Otto W. G. Pfefferkorn, Director, Pianoforte, Organ, and Composition.
Nellie Bangs Skelton, Pianoforte.
Herman Walker, Voice Culture and Choral Singing.
Theodore Spiering, Violin.
Herman Diestel, Violoncello.
John Skelton, Cornet.
Elias A. Rivkin, Flute.
I. Tomaso, Mandolin.

DEPARTMENT OF KINDERGARTENS.

Eva B. Whitmore, Director, and Instructor in Occupations.
Anna E. Bryan, Principal Normal Class, Theory and Gifts.
Margaret Morley, Natural Sciences and Physical Culture.
Marie-Ruef Hofer, Music.

LECTURERS.

Technical College.

F. W. Gunsaulus, History of Printing.
William A. Otis, History of Architecture.
George L. Schreiber, History of Art.
W. S. MacHarg, Sewerage and Ventilation.
Irving K. Pond, Theory of Design.
W. L. B. Jenney, Construction.
Edith E. Clarke, Dictionary Cataloguing.
George E. Wire, Binding and Library Economy.
Lutie E. Stearns, Reading for the Young.

Domestic Arts.

Thomas Grant Allen, Chemistry of Foods.

Department of Kindergarten.

F. W. Gunsaulus, Education and Christianity.
Thomas C. Roney, English Literature.
Katharine Sharp, Use of Books.

DEPARTMENT OF DOMESTIC ARTS.

Isabel D. Bullard, Cooking.
Henrietta Connor, Dressmaking.
Mrs. Dwight S. Dow, Bookkeeping.
Florence E. Kennedy, Plain Sewing.
Hazel Kirk, Technical Dressmaking.
Emogene L. Kennedy, Millinery.

DEPARTMENT OF COMMERCE.

Isaac S. Dement, Director.
Belle F. Dement, Principal.
Pitt SoRelle, Shorthand.
Frances G. Porter, Typewriting.
Julia Mexia, Spanish.

ASHEVILLE FEMALE COLLEGE.

Asheville, N. C. *Women.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
—	160	11	1	1,000

The college, which is situated amid the mountains of Western North Carolina, was founded in 1843. Admission is after examination only. The college course, which is an exceedingly varied one, with a pronounced predominance of religious training, leads to the degree of B.A. Attendance at chapel, and at gymnasium is obligatory. The expenses for the year, lasting from September 10 to the third week of May, are $224. Special fees are charged for diplomas, and for such optional studies as modern languages, music, art, and the use of the library. Since 1881, the number of graduates has been 106.

Faculty.

Rev. James Atkins, A.M., D.D., President, Psychology and Ethics.
F. L. Bruce, Natural Sciences and English.
Lula Lamar Strother, Latin and Modern Languages.
Mary Edwards, Physiology and Gymnastics.
Mary D. Willson, Mathematics.
Eva Patterson, Preparatory Dep't.
Alice Hepline, Art.
W. F. Grabau, Music.
Mrs. I. Coolidge, Vocal Music.
Pearl Ogburn, Piano.
Celine C. Early, French and German.
Lelia L. Wheeler, Vocal Music.

ATLANTA UNIVERSITY.

Atlanta, Georgia. *Co-Educational.* *Non-Sectarian.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$36,714	227	22	5	8,200

Atlanta University was incorporated and opened in 1869. It is governed by a board of seventeen trustees. Since its organization the college has graduated 285 students, of whom 259 are now living. It stands on a tract of sixty-five acres, one mile from the city.

Besides a full college course, there are normal, mechanical, and preparatory courses. The work is chiefly among negroes, and one of the main purposes is to furnish teachers for public schools. There is an income for scholarships from a fund of $24,000, and a permanent library fund of $5,000. The academic year lasts from October 2 to May 28. The university publishes a monthly bulletin, while the students publish the "Scroll," a weekly, under the control of the Phi Kappa society. Besides this society, there is a Christian Association, a Y. P. S. C. E., the Ware Lyceum, the Wheatley Society, the Owl and Bone, an athletic association with base-ball team, and a glee club. Since 1873, some 206 alumni have been graduated.

Faculty.

Rev. Horace Bumstead, D.D., President, and Latin.
Thomas N. Chase, A.M., Dean.
Edgar H. Webster, Science and Normal Department.
Rev. Myron W. Adams, A.M., Greek.
Winfrid A. Stearns, A.M., Instructor in Science.
Walter D. Smith, Manager.
Lucy E. Case, Matron.
Hattie W. Chase, English Branches.
Idella M. Swift, Mathematics.
Julia A. Ellis, A.B., Latin and English.
Emily J. Stenabaugh, Librarian.
Anna J. Atkinson, Matron.
Susan A. Hosmer, Matron.
Anna H. Bumstead, Northern Secretary.
Katharine M. Marvin, Local Secretary.
Mary T. Chase, Reading and English Literature.
Amanda E. Burdick.

AUGSBURG SEMINARY.

Minneapolis, Minn. *Men.* *Lutheran.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$13,922	150	9	1	2,000

History: Augsburg Seminary was established in 1869, as the first Norwegian Divinity school. It consists of a preparatory school, a college, and a theological department. The total number of graduates since 1870 has been 297.

Faculty.

Georg Sverdrup, President, Old Testament and Dogmatics.
Sven Oftedal, New Testament Exegesis and Church History.
J. H. Blegen, Greek and German.
A. M. Hove, English Literature.
J. L. Nydahl, Greek and History.
W. M. Pettersen, History and Mathematics.
Theodore S. Reimestad, Latin and Norwegian Literature.
Melius Christiansen, Music.

AUGUSTANA COLLEGE.

Rock Island, Ill. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$49,939	509	24	3	15,000

The Scandinavian Lutherans of the Northeast in 1860 withdrew from their synod, and in 1863 established a separate seminary in Chicago, which in 1875 was moved to Rock Island. The college is governed by sixteen directors. Students from other institutions are admitted without examination, but are held to be on probation for four months. The collegiate department has three courses: English and Swedish, classical, and scientific. There is also a business and normal department, and a conservatory of music.

The college covers twenty-six acres of ground. There are two literary societies, a lyceum, and an alumni association. A students' "Journal" is published monthly. The graduates number 703, of whom 667 are living. The oldest of these is the Rev. Andrew Jackson, 1861, of Rush Point, Minn.

Faculty.

COLLEGIATE.

Rev. C. O. Granere, Latin.
A. O. Bersell, Ph.D., Greek.
A. W. Williamson, A.M., Mathematics and Astronomy.
C. W. Foss, A.M., Vice-President, History and Political Science.
C. L. E. Esbjörn, A.M., Mod. Lang's.
Rev. E. F. Bartholomew, D.D., English and Philosophy.
J. A. Udden, A.M., Natural History and Geology.
V. O. Peterson, A.M., Physics and Chemistry.
Rev. P. M. Lindberg, A.M., Christianity.
Rev. E. A. Zetterstrand, Swedish.
C. A. Wendell, A.B., English.
K. A. Linder, Ph.Lic., Swedish.
Joshua Larson, A.B., Mathematics, English, and History.

THEOLOGICAL.

Rev. Olof Olsson, D.D., Ph.D., President, Catechetics, Homiletics, and Pastoral Theology.
Rev. Nils Forsander, D.D., Church History, Symbolics, Isagogics.
Rev. Conrad Emil Lindberg, D.D., Dogmatics, Liturgics, Church Polity.
Rev. Carl Elofson, Ph.D., Hebrew, Greek, and Exegesis.

AUSTIN COLLEGE.

Sherman, Texas. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,000	147	8	4	5,000

The college was chartered in 1849. It was opened in 1850 at Huntsville, Texas; thence it was moved to Austin. In 1876 it was removed to Sherman. The college is governed by sixteen trustees. Degrees of B.A., B.S., and A.M. are given. Seven prizes are offered for excellence in undergraduate study. The academic

year is from September 3 to June 4, and the total cost per year fo students is estimated at $160.

There are two literary societies, an alumni association, a branc of the Y. M. C. A., and chapters of Φ Δ Θ, 1852, and Φ K Σ, 1865.

Faculty.

S. M. Luckett, D.D., President, Philosophy.
Allison Thompson, A.M., Ph.D., Latin.
D. F. Eagleton, A.M., English, Librarian.
William S. Morrison, A.M., Physics and French.
Rev. S. E. Chandler, A.M., B.D. Bible and History.
L. J. Mitchell, A.M., C.E., Mathematics.
J. L. Bell, A.B., Greek and German.
Lt. Edwin Cole, U. S. A., Militar Science.

AVALON COLLEGE.

Trenton, Mo. *Co-Educational.* *United Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,000	169	8	1	8,000

The college was founded in 1869. Until 1881, the school was ar academy. It was then made a college, and ten years afterward, ir 1891 was moved to Trenton, Mo. Among the presidents have beer the Rev. C. J. Kephart, 1881–1885; Rev. G. P. Macklin, 1886–1887 F. A. Z. Kumler, 1888, and the present incumbent. The college is governed by a board of twenty trustees. Admission is upon certificates and recommendations solely. The degrees are B.A., B.S., B.L., B.Ph., and M.A., the last after three years of post-graduate study. The expenses for the year, lasting from September 1st tc June 14th, are $100. The literary societies are the Cliomathean, and Philopheonian, and there is also a Christian Association. The graduates number 75, of whom 60 are living.

Faculty.

F. A. Z. Kumler, A.M., President, Philosophy.
J. W. Crawford, A.M., Greek and Criticism.
Juan R. Kumler, M.S., Latin.
A. E. Conetet, A.B., Natural Science.
Mattie B. Kumler, L.B., Instrumental Music.
J. H. Drake, M.Accts., Bus. Dep't.
Horace G Murphy, M.L., Law School.
H. E. Beals, Stringed Instruments.
C. C. French, Art.
Carrie I. Roberts, Librarian.

BAKER UNIVERSITY.

Baldwin, Kan. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,000	580	23	2	5,000

The institution, founded in 1858, was named in honor of Bishop Baker, and is the oldest college of liberal arts in Kansas. Such men

as Drs. Davis, Locke, Denison, Swet, Gobin, and Quale have been its presidents. The college is governed by thirty-two trustees. Degrees of B.A., B.S., and B.L., and certificates are given in special courses, and a course of post-graduate study leads to M.A. degree. The expenses are from $75 to $160 a year. There is a museum containing some 32,000 specimens. The college grounds cover sixteen acres. The academic year lasts from September 8 to June 4.

The Biblical society was the first to be organized among the students. It was followed by three literary societies, — the Athenian and Æolian, and the Clionian for women. There is also an Epworth League and Christian Associations for both sexes. A chapter of ΦΓΔ was organized in 1865, and lasted three years.

Faculty.

Lemuel Herbert Murlin, A.B., S.T.B., President, Philosophy and Biblical Literature.
Charles Sylvester Parmenter, A.M., Ph.D., Biology.
Emory Melville Wood, A.M., Ph.D., Mathematics.
George William Martin, A.M., Greek.
Osman Grant Markham, A.M., Latin, Academic Department.
Samuel Alexander Lough, A.M., History, English.
First Lieut. E. V. Smith, U. S. A., Military Science, Physics.
Ermina Fallas Murlin, Ph.D., Preceptress, Modern Languages.
Frank Nelson Hair, Music Department.
Lilian Scott, B.S., Principal Normal Department.
William Neely Simpson, Principal Commercial Department.
Georgiana Reed, M.L., Principal Art Department.
Alfred Leach, Elocution and Oratory.
Mabel Cunningham, B.S., Vocal Culture.
Francis Marion Powell, Penmanship and Bookkeeping.
Louise Frederica Stoelzing, Modern Languages.
Mary Myrtus Pendleton, Stenography and Typewriting.
Paul C. Curnick, M.A., Lecturer in Sociology.
Roberta Simpson, Academic Dep't.
Francis W. Fenn, Physics.
Dora C. Markham, Latin.
Laura K. Myler, Normal Department.
Harry A. Gordon, Mathematics.

BALDWIN UNIVERSITY.

Berea, Ohio. *Co-Educational.* *Methodist.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$12,000	324	18	5	4,000

Baldwin University celebrated its fiftieth anniversary this year. From its date of foundation, in 1846, men and women have been admitted. The school was founded by John Baldwin, who gave land and a building. Its presidents have been: John Wheeler, D.D., from 1846-1870; W. D. Godman, 1871-1874; Aaron Schuyler, 1874-1884; Joseph E. Stubbs, 1886-1894; fifth and last president, Millard F. Warner, 1895 to present time. The institution is governed by a board of twenty-one trustees, fifteen of whom represent the three Ohio conferences, while six are chosen by the alumni. There are six departments for liberal arts, preparation, business, music, art,

and elocution, conferring the usual degrees. Of the five college buildings three are modern; they are the recitation hall, library, and ladies' hall. Chapel attendance is compulsory, but military drill is not. Negroes are not excluded. The campus covers fifteen acres in the heart of the village of Berea. One paper, a monthly, called "The Bulletin," is issued by students. The Philozetian, Phrenocosmian, Clionian, and Alethean, are the four literary societies; there are also two religious organizations. Fraternities there are none. A base-ball and football team are maintained by the students.

The total of graduates since 1846 is 413, of whom 381 are living. The oldest of these are Rosanna Baldwin, of Canton, N. Y., and Julia D. Sheldon, of Topeka, Kan., of the class of 1851. College opens September 2 and closes June 13. Associated with the university is Wallace College, a German school, and a summer school.

Faculty.

Millard F. Warner, A.M., B.D., M.D., President, English and Hebrew.
William C. Peirce, S.T.D., Natural Sciences, Natural Theology and Evidences of Christianity.
Carl Riemenschneider, Ph.D., Greek.
Archie M. Mattison, A.M., Latin and Anglo-Saxon.
Victor Wilker, A.M., German and French.
Albert Hallen, A.B., S.T.B., Ph.D., Mathematics.
George F. Collier, A.B., B.S., English.
Sarah Walker Eddy, A.B., History.
James Hervey Smith, A.M., Natural Sciences.
Anna E. Rhodes, A.B., Greek and Latin.
Watson I. Taylor, Ph.B., Mathematics and Physics.
Kate I. Brawn, B.L., History.
Alfred Arthur, Music.
W. C. Howell, Voice and Harmony.
Alberta E. James, Drawing and Painting.
John G. Scorer, Elocution.
Alfred Franklin Arthur, Harmony and Musical History.
B. Floyd, Guitar.
Frank L. Clark, A.B., Greek.
Paul Shroup, Piano and Organ.
F. B. Sott, Stenography.

GERMAN WALLACE COLLEGE.

Wilhelm Nast, D.D., Honorary President.
Karl Riemenschneider, Ph.D., President, Hebrew and Theology.
Viktor Wilker, A.M., Latin and Modern Languages.
Julius O. Berr, German and Music.
Wilhelm Völkner, A.M., Theology, Philosophy, and Greek.
Johann Diekmann, A.B., Preparatory Studies.
John C. Marting, Treasurer.
Rev. H. Herzer, Sc.D., Curator of Museum.

SUMMER SCHOOL.

Frank L. Clark, A.B., Manager, Ancient and Modern Languages.
George F. Collier, A.M., English and History.
Ossian S. Myers, A.B., Mathematics and Pedagogy.
Katie Ward, Ph.B., Normal Studies.

BARNARD COLLEGE.

New York City. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$50,000	150	27	1	203,000

Barnard College, incorporated in 1889 by the regents of the University of the State of New York, is a college for women, in close

affiliation with Columbia University. The founders were: Messrs. J. H. Schiff, J. Talcott, J. Pierpont Morgan, Mrs. J. J. Goodwin, Mrs. Seth Low, Mrs. E. Herrman, Mrs. F. P. Olcott, Miss Mabel Slade, with one gift made in the name of Josiah M. Fiske. It is an independent corporation, consisting of a dean, twenty-three trustees, forty-seven associates, and a registrar. At Barnard College the curriculum is the same as at Columbia College, and Columbia makes itself responsible for its standards by conducting all the examinations. These are identical with those of Columbia. The instruction at Barnard is given for the most part by Columbia instructors, and, when this is impossible, by persons appointed with the approval of the President of Columbia University. Degrees are given to the graduates of Barnard College by Columbia University. Through Barnard College, women properly qualified, can obtain the Columbia degrees of A.B., A.M., and Ph.D. In the three lower years of the course the instruction is separate. In the senior and graduate years certain courses at Columbia are open to the students of Barnard.

Tuition is $150 for the year, lasting from the first week of October until the middle of June. In addition to this there is a matriculation fee of $5, a final fee of $15, and a fee of $50 for special students taking botany or chemistry. Diploma fees of $25 and $35 are also charged. Twenty scholarships, equivalent to tuition, and one of $50 for special students are available. Prizes of $50 and $25 are awarded to seniors and sophomores for excellence in mathematics and chemistry.

Faculty.

Emily James Smith, Dean.
Mrs. N. W. Liggett, Registrar.
Emily L. Gregory, Ph.D., Botany.
Ernest R. Von Nardroff, M.E., Physics.

For all other instructors see names marked thus * in the Faculty list of Columbia College.

BATES COLLEGE.

Lewiston, Me. *Co-Educational.* *Free Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$27,000	218	15	4	12,000

Bates College grew out of the Maine Seminary of 1855, and was chartered in 1864. Mr. Bates, the founder, gave $25,000 in 1855, and $75,000 afterwards. There is a corporate board of fifteen and a board of overseers of twenty-five. The degrees are B.A. and M.A. There are two literary societies, two Christian Associations, and one college paper, the "College Student."

There is a good gymnasium, and a herbarium containing one of the best collections of plants in New England. A divinity school is associated with the college.

The total number of graduates has been 729, of whom 689 are living. Of these the Rev. A. H. Heath, of St. Johnsbury, Vt., and Prof. J. H. Rand, of Lewiston, Me., of the class of 1857, are the oldest.

Faculty.

George C. Chase, D.D., LL.D., President, Psychology and Logic.
Jonathan Y. Stanton, A.M., Litt.D., Greek and Latin.
Rev. Thomas L. Angell, A.M., Modern Languages.
John H. Rand, A.M., Mathematics.
Lyman G. Jordan, A.M., Ph.D., Chemistry.
William H. Hartshorn, A.M., Rhetoric and English Literature.
William C. Strong, A.M., Physics.
Ernest E. Osgood, A.B., Elocution.
Caroline A. Woodman, A.M., S.B., Librarian.
Edward H. Hill, M.D., and Aurelia Springer, M.D., Medical Advisers, Gymnasium.
W. W. Bolster, Jr., A.B., Director Gymnasium.
Mary Buzzell, Assistant Gymnasium.

DIVINITY SCHOOL.

Rev. John Fullonton, D.D., Ecclesiastical History and Pastoral Theology.
Rev. James Albert Howe, D.D., Dean, Systematic Theology and Homiletics.
Rev. Alfred Williams Anthony, A.M., Secretary, New Testament Exegesis and Criticism.
Rev. Benjamin Francis Hayes, D.D., Apologetics and Pastoral Theology.
Herbert Bonelle Purinton, A.M., Hebrew and Ecclesiastical History.
Ernest E. Osgood, A.B., Elocution.

BATTLE CREEK COLLEGE.

Battle Creek, Mich. *Co-Educational.* *Adventists.*

Total Income,	Students,	Instructors,	Buildings,	Books,
——	670	24	3	4,000

The college was founded in 1879 by the Seventh Day Adventists. It is supported in part by the church of that denomination in Battle Creek, by the proceeds of the sanitarium conducted under the auspices of the same place, and by the money received for tuition. Tuition and living expenses are $140 a year. One department of the college is devoted to instruction in the gospels and missionary work. There is besides this a classical literary course, conferring the usual degree. Since the foundation of the school 182 students have been graduated, of whom 175 are living. The oldest of these is Eli B. Miller, of the entering class, of Walla Walla, Wash. The college year extends from September 11 to June 16.

Faculty.

George W. Caviness, A.M., President, Philosophy.
Albert W. Kelly, Ph.D., Natural Sciences.
Emmet J. Hibbard, English Bible.
Emory D. Kirby, A.B., Greek and Latin.
William E. A. Aul, Pe.B., Mathematics.
Karl Graf, German.
Edwin Barnes, A.C.M., Music.
Percy T. Magan, Ph.B., History.
Walter E. Sanderson, A.B., Mathematics.
Fred A. Howe, LL.B., English.
H. W. Miller, Preceptor Industrial Department.
S. J. Olney, Preceptress.
Jeanette Baldwin, Latin.

BELOIT COLLEGE

Beloit, Wis. *Men.* *Presbyterian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	489	25	9	20,000

Beloit College was founded in 1843, and was chartered in 1846. The first instruction was given in 1847. President Chapin took charge in 1850, and resigned in 1884. In 1874 a philosophical course was added, and a course in science in 1892. Women were admitted in 1895.

The college is governed by twenty-nine trustees. The students from other colleges are admitted on certificate. Degrees of B.A., B.S., and B.Ph., as well as M.A. are given. The expenses vary from $158 to $300 per year. Twelve prizes and one scholarship are offered.

There is a gymnasium, with an athletic field covering fifteen acres. The students maintain two literary societies, a Christian Association, a scientific society, an athletic association, with football and baseball teams, glee and banjo club, and the following fraternity chapters: ΒΘΠ, 1861; ΦΚΨ, 1881; ΣΧ, 1882. A magazine, "The Round Table," now in its forty-second year, is published.

Since the foundation of the school 494 students have been graduated, of whom 433 are living. The oldest of these is Rev. Joseph Collis, of the class of 1851, of Delaware.

Faculty.

Edward D. Eaton, D.D., LL.D., President, History.
Joseph Emerson, D.D., Greek, and Librarian.
William Porter, D.D., Secretary and Dean, Latin.
James J. Blaisdell, D.D., Philosophy, Hebrew.
Rev. Henry M. Whitney, M.A., English.
Thomas A. Smith, Ph.D., Mathematics and Physics.
Erastus G. Smith, Ph.D., Chemistry and Mineralogy.
Rev. Almon W. Burr, M.A., Academy, and Pedagogics.
Charles A. Bacon, M.A., Director of Observatory, Astronomy.
Calvin W. Pearson, Ph.D., Modern Languages.
Theodore L. Wright, M.A., Greek Literature and Art.
Hiram D. Densmore, M.A., Botany.
George E. Hale, B.S., Astronomical Physics.
Rev. Louis E. Holden, M.A., Oratory.
Robert C. Chapin, M.A., B.D., Political Economy.
George L. Collie, Ph.D., Geology, and Curator.
Benjamin D. Allen, Music.
Harry W. Methven, Art.
Charles M. Hollister, B.A., M.D., Physical Culture.
George P. Bacon, M.A., Mathematics and Physics.
Elliot R. Downing, M.S., Science.
William K. Hay, Commercial Branches.
Allan P. Ball, B.A., Latin and History.
Robert J. Eddy, B.A., German and English.

BENZONIA COLLEGE.

Benzonia, Mich. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,100	125	22	2	6,300

Benzonia College is the successor of Grand Traverse College, a secondary school founded by a colony from Oberlin settling in Benzie County in 1858. The college grounds were dedicated in 1860. Instruction began to be given in the Carrier building during the summer of 1863, with Dr. J. B. Walker as president. Sessions were next held in a log-house erected for the purpose. With the completion of the new building in 1869, came more students, until the destruction of the college building by fire in 1874, when instruction was for a while suspended. A temporary structure was used until the building now known as East Hall was secured, in which recitations were held until the completion of Barber Hall in 1890. In 1888 a new charter was obtained; the property of the former institution was turned over to the present trustees, coming under the control of the Congregational churches of Northern Michigan. The first president of the new college was the Rev. M. A. Breed, who resigned in 1895. Rev. J. G. Rodger was elected president March 30, 1896. Between these dates the acting president was Dr. E. L. Whitney. The trustees number twenty-one, with the president.

The requirements for admission to the college are the same as to the University of Michigan. Students from the academy are admitted to the corresponding course in the college without examination. Graduates of schools approved by the University of Michigan are also admitted to the college without examination. Students with certificates from other schools will be given credit for work performed.

Graduates from the classical course receive the degree of A.B.; from the philosophical course, Ph.B.; from the scientific course, S.B.; from the literary course, Litt.B., and from the normal course, Pd.B. The corresponding master's degrees are given for one year of resident graduate study. Instruction is also given in music and art. Attendance at chapel is obligatory. All college exercises are omitted on Mondays. The expenses for the year, lasting from September 29 to June 26, are $150.

The total endowment, including buildings, is valued at $50,000. Besides the two college buildings there is a college church. Near the college is Crystal Lake, nine miles in length. There is no saloon within nine miles of the campus. The societies are the **K K A**, the Crescent, and a choral society.

Faculty.

Rev. James George Rodger, A.B., Ph.D., President, Sociology.
Stephen Benjamin Harvey, A.M., Latin and German.
Susie Belle Manning, English and History.
Edson Leone Whitney, Ph.D., LL.B., Librarian, Mathematics and Civics.
Perry Greeley Holden, M.S., Pd.B., Sciences.
Zelos F. McGee, Pedagogy.

Rev. Forrest Ellsworth Davy, Business Course.
Lucy Martindale, Art.
Thomas Bath Glasson, Music.
Winifred Temperance Waters, Ph.B., Latin and English.
Rev. William Henry Hannaford, Bible.

INSTRUCTORS.

Charles Elmer Case, Instrumental Music.
John Albert Kropp, Bookkeeping.
Vesta Elizabeth Pettitt, Grammar and History.
Rose Etta Gilbert, Latin.
Lizzie Tillie, Arithmetic.
Herbert Alvord Coates, Music.
Harriet Emma Van Deman, Singing.
Marion Goodrich Phelps, Singing.
Herbert Blowers Woodward, Physical Culture.
Carrie Burnett Holden, Science.
Flora E. Sprout, Matron.

BEREA COLLEGE.

Berea, Ky. *Co-Educational.* *Non-Sectarian.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$19,000	460	29	11	7,000

Berea College was founded in 1855 by the anti-slavery men of Kentucky. The first preacher in the college was the Rev. John G. Fee, in 1853; the first teachers, in 1858, were Waters and Lincoln: the first principal, from 1858 to 1869, was the Rev. J. A. R. Rogers; and the first president, from 1869 to 1889, was the Rev. E. H. Fairchild. Dr. D. K. Pearsons, of Chicago, recently gave $50,000, on condition that $150,000 more should be raised. This is being done.

The college is governed by a board of eighteen trustees. There are three courses, the classical, philosophical, and literary; and appropriate degrees are given. The library contains some eight thousand books and pamphlets. All tuition is free. The students last year numbered 460.

Faculty.

Rev. William Goodell Frost, Ph.D., President, Philosophy, Education.
Rev. John G. Fee, A.M., Emeritus.
L. V. Dodge, A.M., Greek and Civics.
Rev. B. S. Hunting, A.M., Latin.
A. E. Todd, A.M., Natural Sciences, Librarian.
Rev. Henry M. Penniman, Christian Evidences.
Mary W. Mills, A.M., English.
Kate Gilbert, A.M., German, French.
Ernest G. Dodge, A.M., Greek.
Clay Herrick, A.M., Hist., Mathemat.
C. Rexford Raymond, A.B., Greek and English.
Kate E. Putnam, Teaching.
William P. Thurston, A.B., Music.
Julia Hunting, Normal Department.
Lillian M. Fairchild, Normal Dept., Penmanship.
T. S. Correll, Phonography and Typewriting.
Emily F. More, Grammar School.
Alice K. Douglas, Intermediate School.
Viola F. Badger, Model School.
Rev. William H. Robe, Woodwork.
T. J. Osborne, Farming.
Adelia Fox, Domestic Industry.
Will D. Candee, Printing.
Daisy E. Pomeroy, Instrumental Music.
Sarah G. Street, Painting.
George A. Forbes, Gymnastics.

BETHANY COLLEGE.

Bethany, W. Va. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
——	150	10	3	3,000

The college was founded in 1840, after Alexander Campbell's idea, to teach "literature, morality, and unsectarian Christianity." The charter was obtained in 1840, and the school was located on a site of great natural beauty in the Panhandle of West Virginia. The trustees number twenty-nine. Admission is upon certificate. Four regular courses of study are offered. The classical and ministerial course lead to degrees of B.A., while the literary and scientific courses lead to degrees of B.L.L., and B.S. The expenses for the year, lasting from September 21 to June 18, are $175, of which $50 is paid for tuition and matriculation. Diploma fees are also charged. Students for the ministry can have tuition reduced by one-half, but may be required to give instruction in the primary classes. A loan fund of $5,000 has also been established for the benefit of ministerial students.

The students publish the "Monthly Collegian," and maintain four literary societies, of which the American and Neotrophian are for men, the Ossolian for women, and the Adelphian for ministerial students. In all, 318 students have been graduated.

Faculty.

A. C. McKeever, Chancellor.
W. K. Pendleton, LL.D., President Emeritus.
A. C. Pendleton, A.M., French and German.
Oscar Schmiedel, A.M., Mathematics.
J. N. Dodd, A.M., Mathematics.
B. T. Blanpied, A.M., Nat. Science.
R. H. Wynne, A.M., Hebrew and Hist.
B. C. Hagerman, Biblical Literature.
B. C. Bondurant, A.B., Latin.
Eugene Feuchtinger, A.M., Music.
Clara Shepard, Stringed Instruments.
Bessie C. Trible, Drawing and Painting.
Benjamin Brown, Jr., Elocution and Oratory.
Henry S. Green, Greek.
Carrie D. Anderson, English.

BETHANY COLLEGE.

Lindsborg, Kan. *Co-Educational.* *Swedish Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,000	444	24	3	5,000

The college was founded in 1881. It is governed by a board of nine directors. The degrees of B.A. and B.S. are given. The students maintain two literary societies, an oratorical and an alumni association, and publish the "Bethany Messenger." The college year is from September 10 to May 28. Since 1884 there have been 195 graduates, of whom 190 are living. The oldest of these is Rev. Eric Glod, 1891, of Stockholm, Kan.

Faculty.

Rev. Carl A. Swensson, A.M., Ph.D., President, Christianity and Mental Science.
N. A. Krantz, Music.
C. F. Peterson, A.M., History. Political Science, and Greek.
J. Westlund, B.S., Secretary, Mathematics, Physics, and Chemistry.
A. A. Abercrombie, M.Accts., Business Practice.
Hannah C. Anderson, M.Accts., Shorthand and Typewriting.
P. H. Pearson, A.M., German and English.
J. E. Welin, A.B., Natural History and Curator of Museum.
Frank Nelson, Ph.B., Pedagogics and Elocution.
Franz Zedeler, Violin and Ensemble.
C. A. Stone, A.B., English, History, and Civics.
George Hapgood, Cornet and Band Instruments.
G. E. Eberhardt, M.Accts., Commercial Law and Book-keeping.
Charles D. Wagstaff, Pianoforte and Organ.

Lecturers.

John D. Milliken, Law.
W. B. Dewees, M.D., Hygiene.

Other Officers.

Marie Swensson, Principal.
G. A. Svalander, B.A., Librarian.
John S. Swensson, Manager and Treasurer.
Ida Sannquist, Matron.
Rev. John Ekholm, Ph.Cand., Swedish and Greek.
Olof Grafstrom, Drawing and Painting.
Catherine Pearson, Model School.
Sigfrid Laurin, Dir. Music, Piano.
Birger Sandzen, German, French, and Swedish.
Samuel Thorstenberg, Music.
Rev. Ernst Pihlblad, A.M., Latin and Religion.
Marie Malmberg, Model School.
Oscar Sellberg, English and Mathematics.
J. Emil Verner, English.
Andrew Nelson, Sergeant, Gymnastics.
N. P. Lindey, Gymnastics.

BETHEL COLLEGE.

McKenzie, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,500	200	17	1	1,000

The college was founded in 1847. It is governed by thirteen trustees. Admission is upon certificate. The departments are the preparatory, collegiate, professional, musical, and that of fine arts, and lead to bachelors' degrees in arts, philosophy, science, music, and English literature. The degree of Master of Accounts is conferred at the completion of the business course, while that of M.A., M.L.L., and M.Ph. is given after one year of post-graduate study. Tuition for the term of five months is $25 in all departments. Students preparing for the ministry are admitted free, but whenever they abandon such purpose tuition shall be due. Students are not allowed to profane the Sabbath, and must not attend shows, horse-races, balls, hops, dances, or places of mere vain amusement; also the reading of novels is forbidden.

Four literary societies are maintained by the students. Of these the Burrow, Ewing, and Kallelogion are for men, and the Corrinnian for women. Of the 150 graduates, 100 are living. The oldest of these is M. J. Hort, 1855, of Dyersburg, Tenn.

Faculty.

Lillian Curtis, Music.
Bernice Patton, Art.
Mrs. J. L. Dickens, M.E.L., Wood-Carving.

LECTURERS.

Hon. S. J. Everett, B.S. LL.B., Elementary Law.
Rev. C. H. Bell, D.D., Missions.
Rev. J. W. Laughlin, A.M., Christian'y.
Rev. W. J. Darby, D.D., Ministerial Education.
Rev. D. M. Harris, D.D., History.
J. L. Dickens, A.M., Ph.D., LL.D., President, English, Philosophy, and Biblical Study.
Rev. G. W. Neal, A.M., Languages, Mathematics.
J. B. Reed, B.Ph., Preparatory Depart.
Janie Buchanan, A.M., Preparatory and Com. Depart., Elocution, etc.
Mrs. J. B. Reed, Primary Depart.

BETHEL COLLEGE.

Russellville, Ky. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	213	7	4	5,000

History and Organization: Bethel High School was organized in 1849, was opened in 1854, and became a college in 1856. During the Civil War instruction was suspended. The presidents have been: B. T. Blewitt, 1854–1861; Rev. George Hunt, 1861–1864; J. W. Rust, 1864–1868; Noah K. Davis, LL.D., 1868–1873; Leslie Waggoner, 1873–1883; James H. Fuqua, 1883–1887; W. S. Ryland, the present incumbent. The trustees number fifteen. Candidates for admission must be fourteen years old. Entrance examinations are not required. The courses of study, divided into eight independent schools, are elective. To attain degrees of B.A. and B.S. it is necessary to have taken studies in seven and five schools, respectively. Attendance at chapel and gymnastic exercise are not required. The tuition is $55 for the year, lasting from September 2 until June 10. Other expenses aggregate $70. Free scholarships are given to Baptist licentiates, sons of clergymen, and to twenty pupils from the public schools of Logan County, and the State. Seven prizes are offered.

Equipment: Of the four college buildings, one is a dormitory and boarding-hall. A new building has been given to the college for a library, and a new gymnasium, with an adjoining athletic field, has recently been equipped. The students publish the "Blue and Gold," and maintain the following societies: the Philomathean, and Neotrophian, owning libraries; the ministers club, Texas club, military company, and alumni association, with chapters of the following fraternities: Φ Γ Δ, Σ N, Σ A E, and K E. Of the 185 graduates, 158 are living. The oldest of these is the Rev. C. P. Shields, 1857, of Russellville.

Faculty.

Rev. W. S. Ryland, D.D., President.
Aaron F. Williams, A.M. Vice-Pres.
Henry Leland Trimble, A.M., Secretary and Librarian, History.
James Henry Fuqua, A.M., Math.
Charles Patrick Shields, A.M., Latin and Greek.
John Henry Damm, Mod. Lang. and Gymnastics.
James Ludwell Lake, A.M., Natural Sciences.
John Phelps Fruit, A.M., Ph.D., Eng.
Rufus E. Holder and James T. McGlothlin, Assistant Librarians.

BIDDLE UNIVERSITY.

Charlotte, N. C. *Freedmen.* *Presbyterian.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$6,490	260	11	2	9,000

Biddle University was founded in 1867 for the purpose of educating colored teachers and preachers. It is governed by fourteen trustees. Admission is by certificate mainly. Instruction is given in carpentry, printing, brick-laying, plastering, and stereotyping, as well as in the liberal arts and theology. The degrees are B.A. and B.S. No charge is made for tuition. There is a fund of $6,000 to aid in preparing students for mission work in Africa. The literary societies are: the Mattoon, Clarisophic, Johnson, and Douglass. The college year is from October 7 to June 9. The graduates number 350. The oldest of these is Dr. D. W. Culp, 1876, of Palatka, Fla.

Faculty.

Rev. D. J. Sanders, D.D., President, Theology.
Rev. A. P. Bissell, D.D., Ph.D., Hebrew, Exegesis, and German.
Rev. Yorke Jones, D.D., Homiletics, History, and English.
Rev. W. M. Hargrave, D.D., Mental and Moral Science.
Rev. A. U. Frierson, D.D., Greek, Librarian.
Geo. E. Davis, A.M., Science and Latin
S. B. Pride, A.M., Mathematics.
Rev. W. F. Brooks, D.D., Preparatory School.
J. D. Martin, A.B., Assist. Professor.
Rev. P. G. Drayton, A.B., Assist. Prof.
Rev. H. L. McCrory, A.B., Tutor.
H. A. Hunt, A.B., School of Industries.
Rev. David Brown, A.M., Supt. of Home.

BLACK HILL'S COLLEGE.

Hot Springs, S. Dak. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	162	8	2	1,500

The college was opened in 1890. It is governed by twenty-one trustees and a board of councillors. Ten students in all have been graduated. The endowment is to be increased to $100,000. Admission is upon certificate mainly. Degrees of B.A., B.S., B.Ph., B.L., and in music are conferred. The degree of M.A. is given after one year's resident study. The expenses for the year, lasting from September 17 to June 4, are $135. Summer school courses are given. A literary society exists, and an alumni association has been organized.

Faculty.

Rev. John W. Hancher, A.M., S.T.D., President, Natural Sciences.
Rev. Elmer E. Lymer, M.S., Vice-President, Latin and Mathematics.
Rev. Nathan A. Swickard, A.M., Ph.D., Philosophy.
Loren D. Corning, A.B., Greek.
Lillian McDonald, Ph.B., Math.
William A. Turner, A.B., Principal of Commercial Department, Latin.
Edith L. Swift, Instrumental Music.
Arthur L. Eaton, Stenography and Typewriting.

BLACKBURN UNIVERSITY.

Carlinville, Ill. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,500.	150	9	4	3,000

The university was founded in 1864. Since 1870 there have been 250 graduates. The school is governed by sixteen trustees. Degrees of B.A., B.S., and B.Ph. are granted. Examinations for admission are in prescribed studies, though a fair equivalent may be offered. There are nine scholarships, leading up to $60 a year; and up to $100 a year is given to students for the ministry. Senator Palmer, president of the board of trustees, gave $500, the interest of which is devoted to prizes for oratory. The average expense for the year is $150. The academic year is from September 10 to June 3.

The college grounds cover ten acres. There is a gymnasium with athletic grounds. The students have organized three literary societies, — the Orthopathetic, the Philomathian, and the Oroparthenian, the last of which is for both sexes. In addition to this, there is a science club and a Christian Association. Among the publications is the "Blackburnian," which succeeded the "Gazette" in 1887, and afterward the "Courier," and the "Centre Rush," a publication devoted to athletics. The alumni now living number 245, of whom Dr. D. J. MacMillan, 1870, of New York, is the oldest.

Faculty.

James E. Rogers, Ph.D., D.D., President, Theology,* Greek.
Walter H. Crowell, M.A., Latin.
George Francis Weida, Ph.D., Nat. Sci.
Walter Hensill Bradley, M.A., English and Political Science.
Wesley A. Challacombe, B.S., Mathematics.
Margaret Hubbard, Preparatory.
Ruth Hubbard, Drawing and Painting.
Mrs. Chiles-Hartley, Music.

* Resigned.

BOSTON COLLEGE.

Boston, Mass. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	404	21	1	40,000

The college was incorporated in 1863, and was opened in 1864. It is governed by the Fathers of the Society of Jesus, but according to its charter, students of other denominations must be admitted. Admission is upon certificate from acknowledged preparatory schools. The degree of B.A. is given. The expense for tuition is $60 for ten months. There are forty-nine scholarships on the interest of from $1,000 to $2,000 each. The library contains 32,000 volumes, and some 4,000 books besides are owned by the students' associations. The

societies are: the Fulton and Junior debating society, the Agassiz Association for the Study of Natural History, St. Cecelia Society, College Orchestra, Athletic Association, Alumni Association, and three religious associations. The students publish the "College Stylus."

Faculty.

Rev. Timothy Brosnahan, S. J., President, Christian Doctrine.
Rev. Daniel A. Doherty, S.J., Schools and Discipline.
Rev. Francis J. O'Neill, S.J., Chaplain.
Rev. Thomas A. Reid, S.J., Treasurer.
Rev. James A. Doonan, S.J., Logic, etc.
John J. Cadigan, A.M., Latin, Algebra, and French.
Joseph H. Willis, A.M., Rudiments.
Peter F. Gartland, A.M., English, etc.
James A. Dorsey, A.B., Arithmetic, etc.
Samuel R. Kelley, A.M., Elocution.
Charles E. McLaughlin, Director of Orchestra.
Rev. George A. Fargis, S.J., Physics, Chemistry.
Rev. Thomas I. Gasson, S.J., Rhetoric, etc.
Rev. Patrick J. Cormican, S.J., Humanities.
William J. Duane, S.J., Grammar, Mathematics, and French.
Augustus J. Duarte, S.J., Mathematics and French.
John H. Doody, S.J., Grammar and Algebra.
Daniel J. Quinn, S.J., Grammar and Mathematics.
Francis J. Donnelly, S.J., Algebra, etc.
Rev. Henry J. Rache, S.J., Rudiments and Algebra.
George A. Keelan, S.J., Schools and Discipline.

BOSTON UNIVERSITY.

Boston, Mass. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$208,843	1,252	115	15	35,000

History: Boston University was founded by Isaac Rich, who gave $1,000,000, in 1869. In the same year it was chartered by the Commonwealth of Massachusetts. In 1883 an additional charter was obtained from New York. The Colleges of Liberal Arts and of Music were opened almost immediately after the university was chartered; while the place of the College of Agriculture has been supplied since 1875 by the Massachusetts Agricultural College at Amherst.

Organization: The corporation consists of the president and five classes of trustees, elected for terms of five years. The president and dean of the several departments constitute the university council. The members of the council, together with all the regular professors in all the schools and colleges, constitute the university senate. In addition to these bodies, there is a university convocation, consisting of all the alumni and a board of visitors, who are annually appointed.

The university is divided into schools or colleges, which are thus distributed: The College of Liberal Arts, 12 Somerset street, Boston;

the College of Music, Franklin Square, Boston; the College of Agriculture, Amherst, Mass.; the School of Theology, 72 Mt. Vernon street, Boston; the School of Law, 10 Ashburton Place, Boston; the School of Medicine, East Concord street, Boston; the School of All Sciences, 12 Somerset street, Boston.

Admission, Courses of Study, and Degrees: Admission is by examination, which can be undergone either at the end of September or in the middle of March. The courses of instruction presented in the college proper number more than 180. Bachelors' degrees are conferred in arts, letters, laws, medicine, music, philosophy, science, surgery, and theology; masters' degrees, in arts and laws; doctors' degrees, in civil law, medicine, music, philosophy, and theology. The doctor's diploma confers the privilege of attending courses at the schools of art in Athens and Rome free of charge. During the last year the attendance was thus divided among the six colleges: Liberal arts, 353; agriculture, 172; theology, 152; law, 339; medicine, 170; and graduate school 125, making a total of 1,252. In the College of Liberal Arts, tuition and incidental expenses for the year, lasting from September 17 to June 3, are $110. Students who are able to live at home, it is estimated, can secure the entire college course of four years for $500. One hundred and eight free scholarships have been established. There are two fellowships yielding an annual income of $500, and four other beneficiary funds, ranging from $5,000 to $30,000, for scholarships, to be equally divided between men and women.

Equipment: The assets of the university are as follows: Real estate above incumbrance, $1,283,279.71; stocks, bonds, notes receivable, etc., $327,822.93; sundries, including cash, $55,462.38; total, $1,666,565.02. The liabilities at the same date were $85,637.25. Excess of assets over liabilities, $1,580,927.77.

During the year 1895–96, $35,000 was received in donations and bequests. The bulk of this, $30,000, was a bequest from Miss L. B. Paddock, a former school teacher, to be applied in scholarships for both sexes. In answer to an appeal for gifts to establish a museum of all religions, Somdetch Phra Paramindr Maha Chulalonkorn Phra Chula Chom Klao, the King of Siam, gave an original edition of the "Tripitaka," or canonical sacred writings of the Southern Buddhists, comprised in thirty-nine volumes.

New buildings costing $200,000, have been erected for the Law School, which moved into its new quarters at the beginning of the academic year, thus enlarging the quarters of the College of Liberal Arts. A new Museum of All Religions has been projected.

Societies and Organizations: Literary and debating societies, language clubs, seminaries of philology, philosophy, history, etc., are maintained by professors and students alike. Some of these are: La Conférence Française, the French Dramatic Club, the German Seminar, the Deutsche Gesellschaft, philosophical club, and athletic association, with football and base-ball teams. The "University Beacon" is published monthly. Chapters of the following fraternities have been organized: Β Θ Π, Θ Δ Χ, 1876; Κ Κ Γ, 1882; Α Φ, 1883; Φ Δ Φ, 1885; Γ Φ Β, 1887; Δ Τ Δ, and Δ Δ Δ, 1889. The graduates number 3,225.

Faculty.

COLLEGE OF LIBERAL ARTS.

Faculty.

William F. Warren, S.T.D., LL.D., President.
William E. Huntington, Ph.D., Dean, Ethics and History.
Augustus H. Buck, A.M., Greek.
Borden P. Bowne, LL.D., Philosophy, Dean of Sciences.
William H. Niles, Ph.B., A.M., Geology.
Charles R. Cross. Sc.B., Physics.
Alpheus Hyatt, Sc.B., Biology and Zoölogy.
Thomas B. Lindsay, Ph.D., Latin and Sanskrit.
Marshall Livingston Perrin, Ph.D., Germanic Languages.
Frank R. Butler, A.B., S.T.B., English Literature.
Thomas E. Pope, A.M., Chemistry.
Joseph R. Taylor, A.M., Greek and Latin.
William Marshall Warren, Ph.D., Philosophy.
Foy Spencer Baldwin, Ph.D., R.P.D., Political and Social Science.
Balfour H. Van Vleck, Sc.B., Biology.
George H. Barton, Sc.B., Geology.
Louis Derr, A.M., Sc.B., Physics.
Helen L. Blackwell, Calisthenics.
Ashley H. Thorndike, A.B., Mathematics and History.
Lincoln R. Gibbs, A.M., English Literature.
William T. Harris, LL.B., Pedagogics.
Malvina M. Bennett, Ph.B., Elocution.
Judson B. Coit, Ph.D., Mathematics.
James Geddes, Jr., Ph.D., Romance Languages.
Charles H. L. N. Bernard, French.

COLLEGE OF AGRICULTURE.

Faculty.

Henry H. Goodell, LL.D., President.
Levi Stockbridge, Agriculture.
Charles A. Goessmann, Ph.D., Chemistry.
Samuel T. Maynard, Sc.B., Botany and Horticulture.
Charles Wellington, Ph.D., Chemistry.
Richard S. Lull, A.B., Zoölogy.
Charles H. Fernald, Ph.D., Zoölogy, Veterinary Science.
Ralph E. Smith, Sc.B., German and Botany.
Philip B. Hasbrouck, Sc.B., Mathematics.
George E. Stone, Ph.D., Botany.
Charles S. Walker, Ph.D., Mental Science, Political Economy.
James B. Paige, V.S., Vet. Science.
Edward R. Flint, Ph.D., Chemistry.
Eugene B. Lehnert, V.S., Vet. Science.
William P. Brooks, Sc.B., Agriculture.
George F. Mills, A.M., English.
Herman Babson, A.B., English.
Robert W. Lyman, LL.B., Farm Law.
Fred S. Cooley, Sc.B., Farm Supt.
Walter M. Dickinson, First Lieut., Military Tactics.

SCHOOL OF THEOLOGY.

Faculty.

Marcus D. Buell, A.M., S.T.D., Dean.
John W. Lindsay, S.T.D., Emeritus.
Luther T. Townsend, S.T.D., Emeritus.
Henry C. Sheldon, A.M., S.T.D., Historical Theology.
Hinckley G. Mitchell, Ph.D., S.T.D., Semitic.
James Mudge, S.T.D., Missions.

SCHOOL OF LAW.

Faculty.

Edmund H. Bennett, LL.D., Dean.
Samuel C. Bennett, A.B., LL.B., Assistan Dean.
Frank Goodwin, A.M., LL.B., Real Property.
Arthur H. Wellman, LL.B., Equity Jurisprudence and Pleading.
James Schouler, LL.D., Bailments, Domestic Relations.
George R. Swasey, LL.B., Sales.
Henry A. Wyman, LL.B., Criminal Law.
Charles Almy, LL.B., Mortgages and Liens.
Melville M. Bigelow, Ph.D., Bills and Notes, Torts.
Irving Browne, Evidence.
Josiah H. Benton, Jr., Railroads and Corporations.
George H. Fall, Ph.D., LL.B., Roman Law.
Homer Albers, LL.B.. Common Law Pleading, Trademarks.
Ralph W. Bartlett, LL.B., Real Property.
William B. French, A.M., Insolvency.

Henry C. Merwin, LL.B., Federal Jurisdiction.
Frank Parsons, LL.B., Insurance.
Charles S. Rackemann, LL.B., Conveyancing.
Charles H. Tyler, LL.B., Landlord and Tenant.
Herbert M. Chase, LL.B., Contracts.
J. Porter Crosby, LL.B., Bills and Notes.
Charles F. Jenney, LL.B., Massachusetts Practice.
Conrad Reno, LL.B., Law Theses.
Alonzo R. Weed, LL.B., Equity.
G. Phillip Wardner, LL.B., Evidence.

SCHOOL OF MEDICINE.

Faculty.

I. Tisdale Talbot, M.D., Dean.
John Ordronaux, LL.D., Medical Jurisprudence.
Conrad Wesselhoeft, M.D., Pathology and Therapeutics.
J. Heber Smith, M.D., Materia Medica.
Henry C. Ahlborn, M.D., Pathology and Therapeutics.
Walter Wesselhoeft, M.D., Obstetrics.
Herbert C. Clapp, M.D., Diseases of Chest.
Edwin E. Calder, A.B., Chemistry.
John P. Sutherland, M.D., Anatomy.
Edward P. Colby, M.D. Nervous Diseases.
John L. Coffin, M.D., Dermatology.
Horace Packard, M.D., Surgery.
George R. Southwick, M.D., Obstet.
Alonzo Boothby, M.D., Gynæcology.
John H. Payne, M.D., Ophthalmology.
Fred. B. Percy, M.D., Materia Medica.
Joseph W. Hayward, M.D., Surgery.
J. Wilkinson Clapp, M.D., Pharmaceutics.
John A. Rockwell, M.D., Physiology.
Winfield S. Smith, M.D., Anatomy.
Nathaniel W. Emerson, M.D., Minor Surgery.
Winthrop T. Talbot, M.D., Pathology.
Frederick P. Batchelder, M.D., Physiology.
A. Howard Powers, M.D., Medicine.
George B. Rice, M.D., Diseases of Nose and Throat.
J. Emmons Briggs, M.D., Surgery.
Charles L. Nichols, M.D., History and Methodology.
Frank C. Richardson, M.D., Nervous Diseases.
Frederick W. Halsey, M.D., Medicine.
Maurice W. Turner, M.D., Pathology.
George H. Earl, M.D., Obstetrics.
Herbert D. Boyd, M.D., Anatomy.
Frank E. Allard, M.D., Physiology.
Everett W. Burdett, Medical Jurisprudence.
Marion Coon, M.D., Comparative Anatomy.
Howard P. Bellows, M.D., Otology.
George W. Tower, Jr., A.B., Physics.
Nathaniel Emons Paine, M.D., Mental Diseases.
William L. Jackson, M.D., Electro-Therapeutics.
F. L. Sargent, A.M., Botany.

OTHER OFFICERS.

W. D. Lovell, Treasurer's Assistant.
Susan C. Sparks, Sect'y and Clerk.
Roscoe C. Learned, LL.B., Librarian and Secretary, School of Law.
H. H. Benton, Librarian, School of Law.
George M. Churchill, Proctor.
Marshall B. Evans, Proctor.
Alma M. Whitman, Proctor.
Sarah E. Reed, Proctor.
Bliss P. Boultenhouse, Proctor.
Ella L. Chase, Proctor.
Charles B. Allen, A.B., Librarian, School of Theology.
S. J. Barney, Librarian, School of Medicine.
W. M. Blatt, Librarian, School of Law.
Mary E. Hanks, Librarian, School of Medicine.
William Hoag, A.B., Librarian, School of Law.
Edwin K. Smith, Librarian, School of Theology.
George H. Smith, Librarian, School of Law.
Frederick D. Stackpole, Librarian, School of Medicine.
John R. Nichols, A.B., Librarian, School of Law.
M. Elma Dame, A.B., Librarian, College.
Lilla B. Smallidge, Librarian, College.

BOWDOIN COLLEGE.

Brunswick, Me. *Men.* *Congregational.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$47,153	364	30	9	55,000

History: Bowdoin College, the oldest college of Maine, was incorporated in 1794, six years after the first petition for a charter had been presented to the Massachusetts Legislature. It was named after James Bowdoin, Governor of Massachusetts, and was established on its present site with five townships as a foundation. Eight students were admitted in 1802. James Bowdoin, the son of the governor, gave one thousand acres of land and more than £1,100, and at his death, in 1811, he bequeathed to the college more land, together with his entire library, his paintings, and more than one thousand specimens and models of crystallography. This collection has formed a nucleus for the present valuable museum. In 1831 President Allen was removed, but was reinstated by the courts. The presidents have been: Joseph McKeen, D.D., 1801–1807; Jesse Appleton, D.D., 1807–1819; Rev. William Allen, D.D., 1819–1839; Leonard Woods, D.D., 1839–1866; Rev. Samuel Harris, S.T.D., 1867–1871; Joshua L. Chamberlain, LL.D., 1871–1885, and William De Witt Hyde, the present incumbent.

Organization: The government of the college is vested in a board of fourteen trustees and forty overseers. There is a visiting committee, and an examining committee, each composed of two trustees and three overseers, and the finance committee of two trustees and two overseers. Connected with the college is the Medical School of Maine.

Admission, Instruction, and Degrees: Admission is by examination only. The regular course of study comprises four years, all studies being required, except that for the third term of the third year; Italian and Greek are optional, and for the second term of the last year Spanish is optional. Besides this regular course leading to B.A., there is a scientific course leading to B.S. After a post-graduate course of three years, degrees of A.M., Sc.D., and Ph.D. are conferred. Attendance at the chapel and military drill is compulsory.

Tuition, Scholarships, and Prizes: The expenses for the year, lasting from September 17 to June 27, are $105 for each student, to which $40 for necessary expenses must be added. The income of $65,000 is devoted to scholarships, of which there are more than a score. In addition to this there are a dozen prizes ranging from $10 to $300 for excellence in English, oratory, the classics, French, and mathematics.

Equipment: Among the nine college buildings, the most noteworthy are Massachusetts hall, the Searles science building with several laboratories, the Walker art building, and the astronomical observatory. The library in Banister hall contains 50,000 books, while the medical library in Adams hall contains 4,000 volumes. The college grounds are one mile from the Androscoggin River,

where the university boathouse is, and four miles from the ocean. There is a gymnasium, but no athletic field.

Societies: Besides several literary and religious societies, there is an athletic association with football and baseball teams and a crew. Chapters of the following fraternities have been organized: Φ B K, A Δ Φ, 1841; Ψ Υ, 1843; X Ψ, 1844–1869; Δ K E, 1844; Θ Δ X, 1854; Δ Υ, 1857–1862; Z Ψ, 1868.

The graduates number 4,410, of whom 2,550 are living. Among them were Nathaniel Hawthorne, and Henry W. Longfellow. The oldest of these is Thomas P. Stone, D.D., 1820, of Bowdoin, Mass.

Faculty.

Rev. William DeWitt Hyde, D.D., President, Mental and Moral Philosophy.
Israel Thorndike Dana, A.M., M.D., Pathology and Practice of Medicine.
Alfred Mitchell, A.M., M.D., Obstetrics and Diseases of Women and Children.
Stephen Holmes Weeks, A.M., M.D., Surgery.
Charles Oliver Hunt, A.M., M.D., Materia Medica and Therapeutics.
Lucilius Alonzo Emery, A.M., Medical Jurisprudence.
Henry Leland Chapman, D.D., Rhetoric, Oratory, and English Literature.
Frederic Henry Gerrish, A.M., M.D., Anatomy.
Frank Nathaniel Whittier, A.M., M.D., Director of Gymnasium, Hygiene.
George Taylor Files, Ph.D., German.
William MacDonald, Ph.D., History and Political Science.
Wilmot Brookings Mitchell, A.B., Rhetoric.
Henry Crosby Emery, A.M., Political Economy and Sociology.
Charles Selwyn Rich, A.B., Rhetoric.
Addison Sanford Thayer, A.B., M.D., Pathology and Medicine.
William Lawrence Dana, A.B., M.D., Anatomy and Histology.
Bert Lewis Bryant, A.B., Chemistry.
Walter Scott Abbott Kimball, A.B., Biology.
Harlan Page Small, A.B., Physics.
Leslie Alexander Lee, Ph.D., Geology and Biology.
Franklin Clement Robinson, A.M., Chemistry, Mineralogy, and Natural Science.
William Addison Houghton, A.M., Latin.
Henry Johnson, Ph.D., Modern Languages and Curator Art Collections.
Frank Edward Woodruff, A.M., Greek, and Revealed Religion.
Albert Roscoe Moulton, M.D., Mental Diseases.
George Thomas Little, Litt.D., Libr.
Charles Dennison Smith, A.M., M.D., Physiology and Public Hygiene.
William Albion Moody, A.M., Mathematics.
John Franklin Thompson, A.M., M.D., Diseases of Women.
Charles Clifford Hutchins, A.M., Physics.
Willis Bryant Moulton, M.D., Diseases of Eye and Ear.

BOWDON COLLEGE.

Bowdon, Ga. *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,500	143	4	———	300

This college was founded in 1887. The expenses are $130. The graduates number 75. The oldest is F. H. M. Henderson, D.D., 1861, Stockbridge, Ga.

(*Further information lacking.*)

BROWN UNIVERSITY.

Providence, R. I. *Co-Educational.* *Baptist.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$193,152	850	78	16	80,000

History: The university now bearing the name of Nicholas Brown was founded in Warren in 1764, and its original name was Rhode Island College. The change in name was made in 1804, in accordance with a provision of the charter, and a special vote of the fellows and trustees in 1803 that the university should take the name of the benefactor who first gave it the sum of $5,000. The design of the college originated with the Philadelphia Baptist association, who wished to found a college "somewhere in North America." Six years after its establishment in Rhode Island the school was moved to Providence instead of to Newport, where it had been chartered. The college opened with one student, William Rogers by name. At the first commencement, in 1769, seven students were graduated. Of these, three distinguished themselves in the war of the Revolution. During this period all instruction at the new college was suspended, the town having fallen into the hands of the British. The solitary college building, University Hall, modelled after Nassau Hall of Princeton, was turned into barracks, and afterward into a hospital for French troops. After the war the students broke the royal seal of the university, causing a new seal to be adopted. Owing to the lack of students commencements were not resumed till 1786. The first funds of the college, a trifle more than $1,000, were increased by a subscription of $4,500 raised in England by Rev. Morgan Edwards. The next considerable gift was that of Nicholas Brown, a former student of the college, and the son of its treasurer. This fund accumulated until in 1826 it had more than doubled. In 1858 eleven scholarships, on the interest of $1,000 each, were endowed by the same benefactor. In 1860, John Carter Brown, his son, subscribed $25,000, to which he added $50,000 in 1874. Previous to this the college obtained $50,000 from the Federal land grant of 1862, as well as immunity from taxation. After long litigation, the Compromise Act of 1894 authorized the State treasurer to pay over to the university the sum of $40,000, in consideration of which, the proceeds of the land-grant, amounting to $50,000, and the accumulated Morrill fund, amounting to $88,000, had to be returned to the State treasurer to be redistributed among the higher schools of Rhode Island. In 1889 George F. Wilson, of Providence, left $100,000 for a science building. In 1891 the university was made co-educational.

The presidents have been: James Manning, 1764–1791; Rev. Dr. Maxcy, 1792–1802; Asa Messer, 1802–1826; Francis Wayland, 1826–1855; Barnas Sears, 1855–1867; Alexis Caswell, 1868–1872; E. G. Robinson, 1872–1889, and Elisha B. Andrews, the present imcumbent.

Organization: The university is governed by a corporation, consisting of thirty-six trustees and twelve fellows. Of the trustees twenty-two must be Baptists, five Quakers, five Episcopalians, and

four Congregationalists. Of the fellows, eight, including the president, must forever be Baptists. Once in three years the corporation must choose from the trustees a treasurer, and a chancellor of the university, and from among the fellows a secretary. The office of chancellor is merely to preside over the trustees, while the president presides over the fellows. All instruction and immediate government of the college rests with the president and fellows, to whom, with the faculty, belongs the privilege of conferring degrees.

Admission, Instruction, and Degrees: Pupils from schools of known excellence are admitted on the certificates of the principals. All others must undergo examination, either at commencement, or at the opening of the college in September. Instruction is given in the liberal arts, the sciences, and military tactics. In the last three years most studies are elective. Attendance at chapel and military drill is compulsory. The following degrees are given: B.A., B.Ph., B.S., C.E., M.E., M.A., and Ph.D. These last two are given only after resident post-graduate study. Honorary degrees are conferred in arts, letters, laws, music, and divinity.

Dues, scholarships, and prizes: Tuition for the year, lasting from September 16 to June 17, is $150. Expenses are estimated at from $265 to $500. There are one hundred scholarships in all, seventy-three of which are on the interest of $1,000 each, while nine are on the interest of $5,000. Two fellowships, on the interest of $10,000 each, have been established by the G. A. R. of Rhode Island, and the alumni of Philadelphia. Twenty-five prizes and medals, ranging in value from $10 to $36, are given for excellence in study and debate. In addition to this two free beds, for students or alumni of Brown, have been placed in the Rhode Island hospital; and a small loan fund for short term loans has recently been established.

Equipment: The working funds of the university amount to $117,319. The library funds amount to $46,000. The number of volumes is 80,000, while the pamphlets number 20,000. The college buildings number sixteen: among which are the women's college, in process of erection; the recently completed science building; a new gymnasium; a chapel; an observatory; four laboratories; a museum, with several collections of artistic, archeological, geological, zoölogical, and botanical specimens. The college dormitories number eight, rooms in which are rented at from $50 to $125. The grounds comprise a campus and athletic field adjoining the river, with opportunities for boating.

Societies and Publications: The Misokosmian, a literary secret society, which afterward changed its name to Philerminian, was founded in 1794. The United Brothers, a similar society, originated in 1806. In 1824 the Franklin Society was organized, only to disband again in 1834. Some six thousand books are owned by the two former societies. A chapter of Φ B K was established in 1830, to be followed by chapters of other fraternities in the following order: A Δ Φ, 1836; Δ Φ, 1838; Ψ Υ, 1840; B Θ Π, 1847; Δ K E, 1850; Z Ψ, 1852; Θ Δ X, 1853; X Ψ, 1860; Δ Υ, 1867; X Φ, 1872; and Φ Δ Θ, 1889; besides these societies there is a dramatic club, several dining associations, two Christian Associations, an alumni association, and an athletic association with a track team, football eleven, baseball

nine, and boat club. The students publish the "Liber Brunensis," an annual, the "Brunonian," a weekly, the "Daily Herald," and the "Brown Magazine."

The graduates number nearly 5,000, of whom 2,200 are living. The oldest of these is the Rev. George W. Briggs, 1825, of Cambridge, Mass.

Faculty.

Elisha Benjamin Andrews, D.D., LL.D., President, Philosophy.
Albert Harkness, Ph.D., LL.D., Emeritus.
Benjamin Franklin Clarke, A.M., Mechanical Engineering.
John Howard Appleton, A.M., Chemistry.
Alonzo Williams, A.M., Germanic Literatures.
William Carey Poland, A.M., History of Art, Director of Art Museum.
Alpheus Spring Packard, M.D., Ph.D., Zoölogy and Geology.
Nathaniel French Davis, A.M., LL.D., Pure Mathematics.
William Whitman Bailey, A.M., Natural History and Botany.
Winslow Upton, A.M., Astronomy.
John Franklin Jameson, Ph.D., History.
Albert Granger Harkness, A.M., Roman Literature and History.
Henry Brayton Gardner, Ph.D., Political Economy.
Hermon Carey Bumpus, Ph.D., Com. Anatomy and Curator of Museums.
Courtney Langdon, A.B., Romance Languages and Literatures.
Lorenzo Sears, L.H.D., American Lit.
Wilfred Harold Munro, A.M., Hist.
John Matthews Manly, Ph.D., English Language.
Otis Everett Randall, Ph.D., Mechanical Drawing.
George Grafton Wilson, Ph.D., Social and Political Science.
Edmund Burke Delabarre, Ph.D., Psychology.
James Irving Manatt, Ph.D., LL.D., Greek Literature and History.
Walter Cochrane Bronson, A.M., English Literature.
George Wilton Field, Ph.D., Cellular Biology.
Walter Goodnow Everett, Ph.D., Philosophy and Natural Theology.
Asa Clinton Crowell, Ph.D., Germanic Languages and Literatures.
Harry Lyman Koopman, A.M., Libr.
Carl Barus, Ph.D., Physics.
Francis Greenleaf Allinson, Ph.D., Greek and Classical Philology.
Henry Parker Manning, Ph.D., Pure Mathematics.
Hammond Lamont, A.B., Rhetoric and Oratory.
John Edward Hill, M.S., M.C.E., Civil Engineering.
James Quayle Dealey, PhD., Social and Political Science.
Walter Ballou Jacobs, A.M., Pedagogy.
Charles Foster Kent, Ph.D., Biblical Literature and History.
Cunliffe Hall Murray, Military Tactics.
Louis Franklin Snow, A.M., Dean of Women's College.
Frank Washington Very, B.S., Astronomy and Director of Observatory.
Albert Davis Mead, Ph.D., Embryology and Neurology.
Frederick Taft Guild, A.M., Registrar.

INSTRUCTORS AND ASSISTANTS.

Edwin Eddy Calder, A.M., Chemistry.
Walter Mills Saunders, Chemistry.
John Francis Greene, A.B., Latin.
Fred Eugene Parker, A.B., Physical Culture, Director of Gymnasium.
Edward Clifton Burnham, A.B., B.S., Mechanical Engineering.
Albert Bushnell Johnson, A.M., Romance Languages.
Robert Elkin Neil Dodge, A.M., English Literature.
Albert DeForest Palmer, Jr., Ph.D., Physics.
Frederick Poole Gorham, A.M., Biology.
Walter Edward Smith, A.M., Chemistry.
Elmer Almy Wilcox, A.B., Law.
Theodore Francis Green, A.M., Roman Law.
Norman Morrison Isham, A.M., Architecture and Drawing.
Edmund Cody Burnett, A.M., History.
Ralph Winfred Tower, A.M., Chemical Physiology.

Miller Moore Fogg, Jr., A.M., Public Speaking.
Adolph Conrad Ely, A.M., German.
John Elof Boodin, A.M., Philosophy.
Lucien Edward Taylor, A.B., French.
George Hopkinson, A.B., Rhetoric.
Joseph Richard Bullock, Jr., B.P., Rhetoric.
William Edward Price, A.B., Rhetoric.
George Abner Williams, Ph.D., Greek.
Joseph Nickerson Ashton, A.M., Musical Theory and History.
Carroll Harry Ash, B.P., Mathematics.
John Smith Shippee, A.B., Latin.
Arthur Eugene Watson, A.B., Physics.
Frederick Slocum, A.B., Mathematics.
Walter Guyton Cady, B.P., Math.
Frederick Otis Clapp, A.B., Math.
Edwin Collins Frost, A.B., Rhetoric.
Haven Metcalf, A.B., Botany.
Albert Smith Morse, A.B., French.
James Franklin Collins, Curator of Herbarium.
Reuben Aldridge Guild, A.M., LL.D., Librarian Emeritus.
John Milton Burnham, A.M., Assistant Librarian.
Theron Clark, A.B., Assist. Registrar.
Mabel Temple, Cataloguer.
Archibald Grant Delaney, Steward.
Frank Eugene Lester, Carpenter Shop.
Frank Edwin Stark, Machine Shop.
George Milton Gray, Anatomical Laboratory.

BRYN MAWR COLLEGE.

Bryn Mawr, Pa. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,500,000 and tuition fees.	298	36	7	23,000

History and Organization: The college was endowed in 1880 by Dr. Joseph W. Taylor of New Jersey, for the advanced education of women. In 1884 a president, — James E. Rhoads, — and a dean of the Faculty, — M. Carey Thomas, — were chosen, and the college was opened in 1885. The college is governed by a board of thirteen trustees. All matters of conduct and discipline are regulated by a self-government association, consisting of all the students acting through an annually elected Executive Committee of eight students.

Admission, Studies, and Degrees: Three classes of students are admitted: graduates, undergraduates, and hearers, the last having a required age of at least twenty-five years; and having, before entering, pursued the studies required in the matriculation examination. There is no division into the traditional four classes, and, although the course is usually four years, there is no fixed date for graduation. Candidates for degree of Ph.D. must have spent three years in graduate work, and at least two of these years at Bryn Mawr. The A.M. degree is conferred only on graduates of Bryn Mawr.

Dues, Scholarships, and Prizes: Tuition is $100 a year, other expenses are from $275 to $500. Among other provisions for poor students there are three public school $100 scholarships, nine $200 scholarships, and three of $400 each open to graduates of local institutions. Three scholarships of the value of $300 and three of the value of $200 are awarded on the results of the entrance examinations. Eleven resident graduate fellowships of $525 each are awarded annually to graduates of any college of good standing, and five scholarships of $200 each are awarded to the candidates next

in merit. There are also three graduate fellowships of $500 each for the purpose of European study. The academic year extends from September 29 to June 3.

Equipment: There is a gymnasium with running track and swimming bath, and also athletic grounds with skating pond. Gymnastic exercise is required of all resident undergraduates. There is a cottage hospital. The library is equipped for special study, and $3,000 is expended annually for additions. There are, besides the two halls for lecture purposes and a gymnasium, five dormitory buildings.

Societies and Publications: The students issue an annual magazine called "The Lantern," and maintain the following organizations: The Self-Government Asociation, graduate club, undergraduate Association, athletic association, philosophical club, a branch of the Y. W. C. T. U., missionary association, Christian Union, De Rebus Club, and chess club.

Faculty.

M. Carey Thomas, Ph.D., President, English.
Charlotte Angas Scott, D.Sc., Math.
Edward H. Keiser, Ph.D., Chemistry.
Hermann Collitz, Ph.D., Comparative Philology and German.
James Harkness, A.M., Mathematics.
Herbert Weir Smyth, Ph.D., Greek.
Mary Gwinn, Ph.D., English.
Charles McLean Andrews, Ph.D., Hist.
Gonzalez Lodge, Ph.D., Latin.
George A. Barton, Ph.D., Biblical Literature and Semitic.
Max F. Blau, Ph.D., German Lit.
Joseph Auguste Fontaine, Ph.D., Romance Languages.
Arthur Stanley Mackenzie, Ph.D., Physics.
James Douglas Bruce, Ph.D., English Philology.
Thomas Hunt Morgan, Ph.D., Biology.
Joseph W. Warren, M.D., Physiology.
Dickinson Sergeant Miller, Ph.D., Philosophy.
Elmer P. Kohler, Ph.D., Chemistry.
Edgar Buckingham, Ph.D., Physics and Chemistry.
Lindley Miller Keasbey, Ph.D., R.P.D., Political Science.
Mortimer Lamson Earle, Ph.D., Greek and Latin.
Paul Elmer More, A.M., Sanskrit and Classical Literature.
Alfred Hodder, English.
Richard Norton, A.B., History of Art.
Florence Bascom, Ph.D., Geology.
Oliver M. Johnston, Ph.D., A.B., French Philology.
Rose Chamberlin, German.
Abby Kirk, A.B., English.
Harriet Randolph, Ph.D., Biology and Botany.
Florence V. Keys, A.B., English.
Charles Andrew Barneaud, Ph.D., Italian.
Lucy Martin Donnelly, English.
Alice Bertha Foster, M.D., Director of the Gymnasium.
Elizabeth Bates, Gymnasium.
Mary Sherwood, M.D., Hygiene.
Henrietta R. Palmer, A.B., Librarian.
Jane Bowne Haines, A.M., Associate Librarian.
Bessie Baker, B.S., Assistant Librarian.
Fredericka M. Kerr, Bursar.
Madeline Vaughan Abbott, A.B., Sec.
Isabel Maddison, B.Sc., Secretary to the President.
Mary Harris, A.B., Recording Sec.

BUCHTEL COLLEGE.

Akron, Ohio. *Co-Educational.* *Universalist.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,825.	491	15	5	7,000

The college was founded in 1870 by the Ohio convention of Universalists, and was named after John R. Buchtel, its most liberal benefactor. The presidents have been: the Revs. S. H. McCollister, D.D., 1872-1878; E. L. Rexford, D.D., 1878-1880, and Orello Cone, D.D., the present incumbent. In June, 1879, a fire partially destroyed the main building. In December, 1890, another fire caused great loss of property, and resulted in the death of three students.

The school is governed by eighteen trustees. The degrees are B.A., B.S., B.Ph., and M.A. There are six endowed professorships, fifty endowed scholarships, and other funds amounting to $66,000. Tuition is from $24 to $39 a year. All studies after the Sophomore year are elective. Chapel and gymnasium are not compulsory. The college campus covers six acres, and there is an athletic field covering nearly four acres. The students publish "The Buchtelite," a weekly, and "The Buchtel," an annual junior publication. Besides two literary societies, the usual Christian Associations, and an athletic association, chapters of the following fraternities have been organized: Δ Τ Δ, 1873; Φ Δ Θ, 1875; Κ Κ Γ, 1877; Δ Γ, 1879 and The Lone Star, 1882.

Faculty.

Rev. Orello Cone, D.D., President, Mental and Moral Philosophy.
Charles M. Knight, A.M., Physics and Chemistry.
Carl F. Kolbe, A.M., Ph.D., Modern Languages.
William D. Shipman, A.M., Greek and Philological Science.
Charles C. Bates, A.M., Latin.
E. W. Claypole, B.A., D.Sc., Nat. Sci.
Hermas V. Egbert, A.M., Mathematics and Astronomy.
L. Alonzo Butterfield, A.M., Ph.D., Rhetoric and Oratory.
Ellen E. Garrigues, A.M., English Literature, Logic, and English History.
Frederick C. Bryan, A.B., LL.B., Law.
Charles R. Olin, B.S., Librarian.
Jennie Gifford, A.M., Science and School Management.
Mary E. Stockman, L.A., History and Latin.
Martha A. Bortle, English.
Samuel E. Findley, A.B., Greek and Latin.
Joseph H. James, B.S., Physics and Geometry.
M. Caryle Sylla, Piano and Theory.
Alfred G. Cogswell, Vocal Music.
Gustav Sigel, Violin, 'Cello, and Zither.
Minnie C. Fuller, Painting, Drawing.
Joseph S. Benner, Gymnasium Director.
Amy I. Herriff, B.S., Gymnasium Instructor for Women.

BUCKNELL UNIVERSITY.

Lewisburg, Pa. *Co-Educational.* *Baptist.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$30,000	245	15	10	16,000

Bucknell University was founded in 1846, and holds its fiftieth anniversary this year. Of its endowment of $400,000, $25,000 is

used for scholarships, of which there are sixty, and for prizes, which number fourteen. It has a classical and scientific course, with appropriate degrees, and gives instruction in art, music, and elocution. Its museum contains 12,000 specimens, with an art collection of 500 pieces.

Faculty.

John Howard Harris, Ph.D., LL.D., President, Psychology and Ethics.
Freeman Loomis, A.M., Ph.D., Modern Languages and Literature.
George G. Groff, M.D., LL.D., Organic Sciences.
William Cyrus Bartol, A.M., Ph.D., Mathematics and Astronomy.
Frank Ernest Rockwood, A.M., Latin.
William Gundy Owens, A.M., Physics and Chemistry.
Enoch Perrine, A.M., Litt.D., English.
Thomas Franklin Hamblin, A.M., Greek.
Lincoln Hulley, A.M., Ph.D., History and Hebrew.
William Emmett Martin, A.M., Logic and Anthropology, Librarian.
Elysee Aviragnet, A.M., Music and the Romance Languages.
Leo Guido Charles Riemer, A.B., Latin and German.
Heman Lincoln Wayland, D.D., Sociology.
Thomas A. Edwards, A.M., Principal, Latin.
Albert Burns Stewart, A.M., Math.
George Edward Fisher, Ph.B., English and Science.
Llewellyn Phillips, A.M., Greek and Elocution.
Ezra Allen, A.B., Proctor.
Annie M. Black, Matron.
Nelson Fithian Davis, Sc.B., Organic Chemistry and Science.
George Dana Boardman, D.D., LL.D., Social Ethics.
William Christian Gretzinger, Ph.B., Registrar.
Katherine B. Larison, A.M., Principal, Instructor in Literature.
Candace Wood, Drawing and Painting.
Harriet Clare Armitage, English, Elocution, and Gymnastics.
Juliet Aiken, Instrumental Music.
Elizabeth Collins Eddelman, Sc.B., Latin and German.
Minnie Gould, Vocal Music.
Iona Morgan, Music.
Eliza Bell, Ph.B., History and English.
Jessie June Wheeler, A.B., Math.

BUENA VISTA COLLEGE.

Storm Lake, Iowa. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	114	11	3	1,500

The college is the precursor of the Dodge Collegiate Institute. It owes its endowment to the Presbyterian Church.

Faculty.

Willis Marshall, A.B., President, Philosophy.
George H. Fracker, A.M., Classics.
C. W. von Coelln, Mathematics and Normal Department.
N. F. Douglas, History and Eng. Lit.
Miss G. J. Armstrong, A.B., Principal and Higher English.
P. B. S. Peters, Commercial and Shorthand Departments.
Ida L. Sisson, Piano.
Eloise Lemon, Violin.
J. C. Hutchison, A.M., Ph.D., Natural Science.
Rev. C. E. Fisk, Mediæval History.
F. F. Faville, LL.B., Commercial Law.

BURRITT COLLEGE.

Spencer, Tenn. *Co-Educational.* *Christian.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,000	164	10	1	3,000

Burritt College was founded in 1848, and was one of the first co-educational schools in Tennessee. It is governed by thirteen trustees. No entrance examinations are required. Courses in classics and sciences, in commerce, art, and music are offered, leading to bachelors', mistresses', and masters' degrees in arts, science, and English literature. The expenses for the year, lasting from the first Monday in August until the end of May, are $140. Attendance at chapel and gymnastic exercise is not obligatory. Free communication between the sexes is not allowed. No student is permitted to carry any "dirk, pistol, or other deadly weapon," to "wrestle, scuffle, or box," or address a petition or other paper to the board of trustees. There are two literary societies, — the Philomathesian and Calliopean, and a gymnastic society. The graduates number more than 200, of whom 170 are living.

Faculty.

W. N. Billingsley, A.M., President, English Classics, etc.
W. V. Freiley, B.S., Mathematics and Science.
G. A. Kuykendall, Prep. Depart. and Vocal Music.
Jennie Billingsley, Primary Branches.
R. H. Fitzgerald, Commercial Dep't.
Emma Riddle, Instrumental Music.
Fannie Kuykendall, Art.
Maggie Parkins, Embroidery.
Ersie Henson, Calisthenics.

BUTLER COLLEGE.

Irvington, Ind. *Co-Educational.* *Christian Church.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$22,000	215	22	5	6,123

History and Organization: Butler College received its charter in 1850, and was opened in Indianapolis in 1855. It was organized as a joint-stock organization, with twenty-one trustees. In 1875 it was removed to Irvington, four miles distant.

Admission, Courses of Study: Freshmen are admitted from certain public and private schools without examination. Prizes are given for proficiency in declamation, orations, essays, and Greek. Tuition fees are $30 a year, and total expenses are estimated at from $140 to $200. There is a museum besides a gymnasium, library, and preparatory school. Since the foundation of the school 271 students have been graduated, and forty honorary degrees have been conferred. The degrees are B.A., M.A., and Ph.D. There is an athletic association and military drill. The annual catalogue is published in June. The students publish the "Collegian." The academic year extends from September 5 to June 10.

Faculty.

Scot Butler, A.M., President, Latin.
Allen R. Benton, LL.D., Philosophy and Biblical Literature.
William M. Thrasher, A.M., Math.
Hugh C. Garvin, A.M., Biblical Philology.
Demarchus C. Brown, A.M., Greek.
Flora Bridges, A.M., Eng. Literature.
Thomas M. Iden, Ph.M., Chemistry and Physics.
Thomas C. Howe, A.M., Germanic Languages.
Hugh Th. Miller, A.M., History and French.
Henry L. Bruner, A.M., Biology, Geol.
Archibald M. Hall., A.M., Ph.D., Hebrew.
Frank F. Hutchins, M.D., Anatomy.
John D. Nichols, A.M., M.D., Materia Medica and Therapeutics.
Thomas M. Defrees, Lieut. U.S.A., Military Tactics.
J. M. Dungan, Music.
Henry T. Mann, B.S., Phys. Culture.
Lida E. Gilbert, Elocution and Physical Culture for Women.
Robert Hall, A.M., Latin.
Charles A. Stevens, A.B., German.
Charles W. Culbertson, Laboratory Assistant.

CALIFORNIA COLLEGE.

Oakland, Cal. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
5,300	106	12	3	2,500

The college was founded in 1872. Since 1874, in all, thirteen alumni have been graduated. The control of the school is vested in fifteen trustees. The grounds, covering twelve hundred acres, overlook San Francisco and the Bay. There are two literary societies, and two Christian Associations. "The Student" is published monthly.

Faculty.

Samuel C. Morse, A.M., D.D., President, Philosophy and Greek.
Lorenzo D. Inskeep, A.M., Mathematics, German, and Latin.
J. T. Wallace, A.M., Natural Sciences and History.
Louise Humphrey Smith, Elocution.
H. B. Pasmore, Vocal Music.
Madame Otto Blankart, Piano and Theory.
Mrs. H. B. Pasmore, Vocal Music.
Lily Sherwood, Guitar and Mandolin.
Flora Bell, Wood Carving, Repoussé, and China Painting.
Miss Montagle, Oil Painting and Drawing.

CANISIUS COLLEGE.

Buffalo, N. Y. *Men.* *Roman Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
———	253	7	2	1,500

Canisius College was opened in 1870, and was incorporated in 1883. Degrees of B.A., and A.M. are conferred. The school is governed by ten trustees. The expenses average $250 a year. The aca-

demic year lasts from the first Wednesday in September to the last Wednesday in June. Besides two religious societies, there is a debating club, and a class orchestra and band.

Faculty.

Rev. John I. Zahm, S.J., President.
Rev. J. Ulric Heinzle, S.J., Logic and Metaphysics.
Rev. Richard J. Martin, S.J., Mathematics and Physics.
Rev. John B. Theis, S.J., First Commercial.
Rev. Peter Hagg, S. J., Treasurer.
Rev. Bernard Henke, S.J., Assistant Treasurer.
Rev. John J. Ming, S.J., Ethics, Post-Graduate Class.
Rev. Martin Bischoff, S.J., Mathematics and Physics.
Rev. Anthony Guggenberger, S.J., Rhetoric.
Rev. Peter J. Mueller, S.J., Latin and Greek.
Rev. Hubert A. Hartmann, S.J., Poetry.
William Weis, S.J., Humanities.
Rev. Francis Heiermann, S.J., First Grammar.
Charles Barnauer, S.J., Sec. Grammar.
Rev. Sebastian Huber, S.J., Third Grammar.
Rev. Luke Van Ree, S.J., Latin and German.
Rev. Francis X. Pilliod, S.J., English and French.
William Poloczek, S.J., Latin, Greek, and French.
John B. Heinen, S.J., Rudiments.
Peter Leonard, S.J., Second Commercial.
Francis Hilgers, S.J., Third Commercial.
Francis Giesen, S.J., Preparatory.
Rev. Louis Bonvin, S.J., Singing.
John M. Sullivan, S.J., Frederick Strerath, S.J., Joseph Huneck, S.J., Charles Gisler, S.J., Bernard Cohausz, S.J., Edmund Schmitt, S.J., Assistant Teachers.
Charles Mischka, Ignatius Czerwinski, John Gelbke, Sylvan Herrmann, Music.
Henry Schmitt, Drawing.
Patrick E. O'Brien, late U. S. A., Gymnastics and Military Tactics.

CARLETON COLLEGE.

Northfield, Minn. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$35,977	277	22	5	12,000

Carleton College was incorporated in 1866, and a preparatory school was opened in 1867. The first college class was graduated in 1874. The school received from W. Carleton, of Minnesota, $50,000, and $10,000 from his wife. In 1883 Dr. Williams, of Philadelphia, gave $12,000 for a science building, and $15,000 for a telescope. In all, 229 students have been graduated, 224 of whom are living. The oldest of these is J. J. Dow, 1874, of Faribault, Minn.

The college is governed by a board of twenty-two trustees. Three parallel courses lead to degrees of B.A., B.L., B.S., and M.A. There are ten scholarships on funds amounting to $37,000, and an education society. The highest scholarship provides for $1,000 a year. Students for the clergy can receive $100 a year. Besides this there are five prize funds. The income from $4,500 is devoted to the increase of the library. There is a museum containing 20,000 speci-

mens, and two gymnasiums for the separate use of men and women students. The college grounds cover eighty acres. The academic year extends from September 4 to June 13.

There are six literary societies, an oratorical and athletic association, a naturalists' club, a Christian Association, and a missionary society. A chapter of Φ K Ψ, 1883-1888, was once organized.

Faculty.

Rev. James W. Strong, D.D., President.
Horace Goodhue, A.M., Greek, and Dean of Faculty.
William W. Payne, Ph.D., Mathematics and Astronomy, and Director of Observatory.
Margaret J. Evans, A.M., Lady Principal, and English and Modern Languages.
Rev. George Huntington, A.M., Logic, Rhetoric, and Elocution.
Rev. Arthur H. Pearson, A.M., Philosophy and Biblical Literature.
Lucian W. Chaney, Jr., M.S., Biology and Geology.
Charles H. Cooper, A.M., History and Political Science.
Louisa H. Richardson, Ph.D., Latin.
Herbert C. Wilson, Ph.D., Astronomy.
Wilmot V. Metcalf, Ph.D., Chemistry and Physics.
Rev. Daniel Magnus, A.M., Swedish and Teacher of English.
Lyman B. Sperry, M.D., Sanitary Science.
Charlotte R. Willard, A.B., Mathematics and Astronomy.
Isabella Watson, B.L., French and German.
Frederick E. Stratton, Ph.D., Principal of Academy, and Greek.
Lucia E. Danforth, B.L., Preceptress of Academy, and Latin.
Caroline E. Linnell, Elocution.
George Bagnall, Music and the Piano and Harmony.
Flora M. Fay, Music.
Gertrude M. Potwin, Violin.
Helen F. Young, Voice Culture.

CARSON AND NEWMAN.

Mossy Creek, Tenn. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,700	250	10	5	3,000

The school was founded as the Mossy Creek Missionary Baptist Seminary, by the Baptist Educational Society of East Tennessee. It was chartered in 1851, and was endowed by W. C. Newman, who also endowed Newman College, which was added to the older college after its change of name in 1889. The presidents have been William Rogers, 1850-1851; R. R. Bryan, 1851-1653; Dr. Samuel Anderson, 1853-1857; Rev. Mathew Hillsman, D.D., 1857-1859; Rev. N. B. Goforth, 1859-1862; R. R. Bryan (second term), 1866-1868; Rev. Jesse Baker, D.D., 1869-1870; Dr. N. B. Goforth (second term), 1870-1882; Rev. B. G. Manard, 1882; S. W. Tindell, 1882-1888; Rev. W. A. Montgomery, D.D., LL.D., 1888-1892; and J. T. Henderson, the present incumbent. During the Civil War, and later, 1882, during a small-pox epidemic, instruction was suspended. The college is governed by thirty-three trustees. Admission is by exami-

nation upon certificate from a limited number of schools. Three courses of study, the classical, Latin-scientific, and English, lead to degrees of B.A., and B.S. The masters' degree is given after one year of post-graduate study, and the payment of a diploma fee. Attendance at chapel and gymnasium drill is required. The expenses for the year, lasting from August 25 to May 28, are $120. Tuition is remitted to ministerial students. The college grounds cover thirteen acres. The societies are: the Columbian and Philomathean for men, the Calliopean and Hypatian for women, the Berean for ministerial students, two Christian Associations, and an athletic association. The graduates number nearly 200, of whom 140 are living. The oldest of these is Richard S. Scruggs, M.D., 1855, of Sweetwater, Tenn.

Faculty.

J. T. Henderson, A. M., President, Metaphysics.
R. A. Henderson, A.M., Latin.
J. C. Welsh, B.S., Natural Science.
Rev. J. M. Burnett, A.B., Th.M., Librarian, Greek.
W. S. Gass, A.B., English.
Rev. S. E. Jones, A.M., Mathematics.
Lollie Phillips, Piano.
Lucile D. Phillips, Art and Voice.
Tennessee Jenkins, History.

CARTHAGE COLLEGE.

Carthage, Ill. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$11,000	156	13	4	5,000

The college was chartered in 1870, by the general synod of the Evangelical Lutheran Church in the West. The first class was graduated in 1875, and 144 alumni, in all, have been graduated. The presidents have been: Rev. D. L. Tressler, 1873–1880; Rev. J. A. Kunkelman, 1881–1883; Rev. J. S. Detweiler, 1883–1884; Rev. E. F. Bartholomew, 1884–1888; Rev. Holmes Dysinger, 1888-1895.

The twenty-fifth anniversary of the college was celebrated last year, when a souvenir volume was published. The school is governed by a board of seventeen trustees. Scientific and Classical courses lead to degrees of B.A. and B.S. There is a Junior class scholarship, and three prizes for excellence in study are offered. The grounds cover fifteen acres. A gift of $10,000 for a new dormitory was made last year. Attendance at chapel is compulsory to students who have recitations before and after chapel hours. Colored students have not as yet attended, but would be admitted. The students maintain two literary societies, called the Cicero and Galileo, two Christian Associations, a musical association, an athletic association, with a foot-ball team, and a chapter of Π Β Φ was organized in 1882, lasting six years. The college year is from September 5 to May 28.

Faculty.

Rev. Holmes Dysinger, D.D., President, Philosophy and History.
Cleophas C. O'Harra, A.B., Natural and Physical Science.
John M. Criley, A.B., Mathematics and Astronomy.
William W. Troup, A.M., Classics.
Carl Schlenker, A.B., English and Modern Languages.
Elnora Cuddeback, Ped.M., Ph.M., Normal Department.
Penfield E. Mason, A.B., Ancient Languages, History, and English.
Wm. M. Beck, A.B., Shorthand and Typewriting.
Chas. A. Webber, Penmanship and Bookkeeping.
Jessie M. Peters, Normal Department.
Laura A. Manier, A.M., Music.
Hon. O. F. Berry, Civil Government and Commercial Law.
W. H. Veatch, M.D., Practical Hygiene.
Elnora Cuddeback, Matron.
Carl Schlenker, Secretary of Faculty.
Cleophas C. O'Harra, Librarian.

CASE SCHOOL OF APPLIED SCIENCE.

Cleveland, O. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	230	20	4	35,000

The school was founded by Leonard Case, who gave it an endowment of about $2,000,000 in 1877. The school was incorporated in 1880. Instruction was begun in Mr. Case's house after his death in 1881. In 1885 the school was transferred to its new buildings opposite, four in number, and a campus of thirty acres. There are twenty-one members of the corporation, and seven trustees. The various courses of instruction are those specified by the founder, and comprise mathematics, physics, engineering, chemistry, geology, mining, mineralogy, natural history, drawing, and the modern languages. Excursions to mines and manufactories form a part of the curriculum.

Tuition is $100. There are five scholarships, of $300 each, for students from Ohio High School, and four others of the same amount open to all students. A prize of $25 is offered in the course of physics in the Sophomore year.

The academic year lasts from the third Wednesday in September to the second Thursday in June. Attendance at chapel and gymnasium drill is not compulsory. Since the foundation of the school there have been 109 graduates. The students issue "The Integral," a monthly, and an annual publication. The names of the associations and societies are legion. Among them is a chapter of Z Ψ, founded in 1885.

Faculty.

Cady Staley, Ph.D., LL.D, President, Civil Engineering.
Charles F. Mabery, S.D., Chemistry.
Charles H. Benjamin, M.E., Mechanical Engineering.
Charles S. Howe, Ph.D., Mathematics and Astronomy.
Frank Mason Comstock, Ph.D., Eng.
John W. Langley, Ph.D., Electrical Engineering.

Arthur S. Wright, A.M., French and German.
Albert W. Smith, Ph.D., Metallurgy.
Frank Howard Neff, C.E., Civil Engineering.
Dayton Clarence Miller, D.Sc., Physics.
Charles W. Trumbull, C.E., Math.
Robert Heywood Fernald, B.M.E., Mathematics.
William Osborne Quayle, A.M., Chemistry.
John William Easton, A.M., E.E., Mathematics and Physics.
Edward Jesse Hudson, Ph.M., M.S., Chemistry.
Herbert Otis White, A.B., French and Drawing.
Wilson Andrus Carter, B.S., Mathematics and Electricity.
Wilbur M. Judd, C.E., Civil Engineering.
Howard P. Fairfield, Machine Shop.
Lorin O. Burwell, Apparatus Shop.

CATAWBA COLLEGE.

Newton, N. C. *Men.* *Reformed.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	275	9	——	2,000

The college was founded in 1851. The expenses for the year are $105. The president is the Rev. G. C. Clapp.

(*Further information lacking.*)

CATHOLIC UNIVERSITY OF AMERICA.

Washington, D. C. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$145,000	120	30	2	18,000

History and Organization: The university was founded in 1884, after a gift by Miss Caldwell of $300,000 to the American Episcopate. From 1889 to 1895 its educational activity was confined to the School of Divinity. In 1895, after the Pope had expressed a hope that the university might be able to adapt its work to modern educational needs in a wider sense, schools of philosophy and the social sciences were opened, with departments of philosophy, letters, mathematics, physics, chemistry, biology, technology, sociology, economics, political science, and law. During the last year eleven chairs for the teaching of the arts and sciences have been endowed by individuals.

The university is governed by seventeen directors, and a chancellor, who is at present Cardinal Gibbons of Baltimore. With the directors, who are for the most part, prominent members of the Catholic clergy, are associated by virtue of their office, all the Catholic archbishops in this country.

Admission, Instruction, and Degrees: Students are admitted to the school of social sciences, either by examination or upon the presen-

tation of other evidences of sufficient preliminary education. For admission to the school of philosophy, a diploma for the degree of B.A., or its equivalent, is required. Candidates for degrees in divinity must have completed a seminary course. The school of divinity has four departments; the school of philosophy, six; that of social sciences, four; and that of technology, four; making in all eighteen, each of which is under a full professor, aided by associates and assistants. The school of divinity grants baccalaureate, licentiate, and doctor's degrees; the school of philosophy confers degrees in letters and philosophy; the school of social science degrees of B.A. and M.A.; the law school degrees of LL.B., LL.M., D.C.L., J.E.D., J.U.D., and LL.D; while in the institute of technology, degrees in civil, electrical, and mechanical engineering, with corresponding masters' degrees are conferred. Eleven scholarships, distributed among five different dioceses, have been established by individuals, and there are three further scholarships in chemistry.

Dues, Scholarships, and Prizes: The annual fee for students in the schools of philosophy, social sciences, and law, is $100. Resident students in the school of divinity pay $250. Candidates for degrees of Ph.D. and LL.D. pay $200, besides fees of from $10 to $25 for diplomas. Special fees are charged in the departments of physics, sociology, and in laboratory courses.

Equipment: The university is in the northern suburb of the city, adjoining the Soldiers' Home Park, some three miles from the Capitol. Two buildings, — the Caldwell and MacMahon halls of divinity and philosophy, — are already in use, while eleven more, not including dormitories and dwelling-houses, have been projected. The two present buildings, besides lecture rooms and dwelling-rooms for teachers and students, contain a chapel, the university and MacMahon libraries, the general museum, post-office, twelve laboratories, a seminary, and a gymnasium.

Publications and Societies: The university publishes the "Catholic University Bulletin." Besides several literary, religious, and athletic societies, a debating club, and moot court are maintained by the students of the law school.

Faculty.

His Eminence James Cardinal Gibbons, Chancellor.
Rt. Rev. John J. Keane, D.D., LL.D., Rector, Homiletics.
Rt. Rev. Thomas O'Gorman, D.D., Emeritus.
Very Rev. Thomas Bouquillon, D.D., Moral Theology.
Very Rev. Joseph Schroeder, Ph.D., D.D., Dogmatic Theology.
Rev. Henry Hyvernat, D.D., Semitic.
Charles Warren Stoddard, L.H.D., English Literature.
Very Rev. Charles P. Grannan, Ph.D., D.D., Sacred Scripture.
Rev. Thomas J. Shahan, D.D., J.U.L., Church History and Roman Law.
Rev. Edward A. Pace, Ph.D., D.D., Philosophy.
Rev. Daniel Quinn, Ph.D., Hellenic Literature.
Rev. George Peries, D.D., J.C.D., Canon Law.
Hon. William C. Robinson, LL.D., Law.
Edward L. Greene, LL.D., Botany.
Maurice F. Egan, A.M., LL.D., English Philology.
Rev. John J. Griffin, A.M., Ph.D., Chemistry.
Rev. George M. Searle, A.M., Ph.D., Mathematics and Astronomy.
Daniel W. Shea, A.M., Ph.D., Physics.
Frank K. Cameron, Ph.D., Chemistry.

Rev. Edmund T. Shanahan, D.D., Ph.D., J.C.L., Philosophy.
René de Saussure, Ph.D., Math.
Albert F. Zahm, A.M., M.S., M.E., Physics.
Rev. Simon J. Carr, S.T.B., Hebrew.
George M. Bolling, Ph.D., Comparative Philology.
Josiah Pierce, A.M., Surveying and Drawing.
Rev. Frederick Z. Rooker, Ph.D., S.T.D., D.D., Ethics.
Hon. Carroll D. Wright, LL.D., Social Economics.
John A. Robinson, M.D., LL.B., Law.
Rev. William J. Kerby, S.T.L., Sociology.
Charles P. Neill, A.M., Economics.
William L. Clark, Jr., Law.
Frederick W. Pelly, B.A., Modern Languages and History.

CATHOLIC SUMMER SCHOOL OF AMERICA.

A Roman Catholic Chautauqua or Summer School was opened at New London, Conn., in the summer of 1892 under the auspices of distinguished clergymen and laymen, and the first meetings were held from July 30 to August 14. The association has since acquired a site at Bluff Point, near Plattsburgh, N. Y., on Lake Champlain, upon which the necessary buildings have been erected, and here the summer school is held annually in July and August. The object of this institution is "to encourage the diffusion of sound literature; to give those who desire to pursue their studies, after leaving school, an available opportunity to follow prescribed courses of the most approved reading; to enable others, who have made considerable progress in education, to review their past studies, and, particularly, to encourage individual home reading and study on systematic and Catholic lines." Besides the school a reading circle for home work all the year round is in successful operation. A full course requires four years' study, but members may join for one year or longer. The term each year begins October 1 and ends July 1. Special or post-graduate courses will be prepared for those who complete the regular course. An annual fee of fifty cents shall be paid by each member. This fee is required to meet the necessary expenses incidental to the work, namely, printing, postage, etc., and shall be remitted to the general secretary with the application.

Officers.

Rev. Thomas J. Conaty, D.D., President.
Rev. P. A. Halpin, S.J., First Vice-President.
John Byrne, Second Vice-President.
Rev. M. M. Sheedy, Treasurer, Chairman of the Directing Board.
Warren E. Mosher, A.M., Secretary.

CENTENARY COLLEGE.

Jackson, La. *Men.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	75	7	3	3,000

The college was established in 1825 by the State of Louisiana, and was transferred to the Methodist Church in 1845. It is governed by twenty trustees. Admission is on examination in prescribed studies or their equivalent. The degrees are B.A., B.S., and M.A., on examination. The college year is from September 2 to June 3. A gymnasium, with athletic grounds, has been recently established.

There are two literary societies, with libraries of 1,600 volumes each, a Christian Association, and several athletic clubs. Chapters of the following fraternities have been established: Φ K Σ, 1855–1861; Mystical Seven, 1857–1861; Δ K E, 1857–1862; X Φ, 1858–1861; and K E, 1885. Of the 308 graduates, 291 are living. The oldest of these is A. J. Norwood, 1838, of Clinton, La.

Faculty.

Rev. C. W. Carter, D.D., President, Mental and Moral Science.
G. H. Wiley, M.A., Languages.
Thomas Carter, A.B., English.
W. H. Carter, B.S., Mathematics.
J. M. Sullivan, M.A., Natural Science.
C. C. Miller, B.S., Preparatory Dep't.
J. M. Sullivan, Sec. of Faculty.

CENTRAL COLLEGE.

Fayette, Mo. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,128	160	9	4	5,500

The college was organized in 1857. The number of graduates since 1859 have been 106. It has a campus of twenty acres and three buildings, with a gymnasium and athletic grounds. The endowment yields some $10,000. Degrees of B.A., B.Ph., and M.A. are conferred. The school is governed by fourteen curators. The academic year lasts from September 10 to June 10. Of the 107 alumni, 90 are living. E. R. Boston, 1861, of Denver, Col., is the oldest. A chapter of the Φ Δ Θ fraternity was organized in 1876, and lasted two years.

Faculty.

Rev. J. D. Hammond, D.D., President, Philosophy and Christianity.
O. H. P. Corprew, A.M., Greek, Latin.
William A. Frantz, A.M., English and Modern Languages.
J. W. Kilpatrick, A.M., Natural History, Mineralogy, and Geology.
A. F. Hendrix, A.M., Greek and Latin.
Rev. R. T. Bond, A.M., Mathematics and Astronomy.
T. Berry Smith, A.M., Chemistry and Physics.
W. H. Key, Preparatory Department.
Charles E. Davis, A.M., Mathematics and English.
Frank J. Mapel, Gymnasium.

CENTRAL PENNSYLVANIA COLLEGE.

New Berlin, Pa. *Co-Educational.* *Evangelical.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	79	8	1	4,217

The college was founded through the efforts of Bishop W. W. Orwig, of the Evangelical Association, in 1855, and was first incorporated as Union Seminary. Owing to the war it was closed in 1863 and its charter was forfeited. In 1865 Rev. M. J. Carothers secured its reorganization. The principals have been Rev. W. W. Orwig, 1855–1859; Rev. Francis Hendricks, A.M., 1859–1860; A. S. Sassaman, A.M., 1860–1862; Rev. John H. Leas, A.M., 1862–1863; Rev. Francis Hoffman, A.M., 1865–1869; D. Deninger, 1869-1874; Rev. Francis M. Baker, A.M., 1874–1879; Rev. J. W. Bentz, A.M., March to December, 1879; and Rev. A. E. Gobbler, who has been president since the new articles of incorporation were granted in 1880. The college is now the property of the United Evangelical Church. Instruction is given in classical, scientific, and commercial courses, as well as in theology. Attendance at chapel is compulsory. There is no gymnastic nor military drill.

The students maintain an Agassiz Association, and three literary societies, — the Excelsior, Neocosmian, and Enigma, the last of which is for women students, — as well as three Christian Associations and a baseball club and football team. Of the 129 graduates, 117 are living; the oldest of these is Miss Kate Swinford, 1859, of Philadelphia.

Faculty.

Rev. Aaron E. Gobble, A.M., D.D., President, Mental and Moral Science, and Greek.
Alvin M. Wonder, A.M., Mathematics and Latin.
William P. Winter, A.M., Natural Sciences and German.
Ida R. Bowen, English Language and Literature.
Lewis E. Walter, B.E., Mathematics.
M. S. Bentz, Penmanship.
M. J. Randall, Commercial Branches.
Maude V. Bowen, Lizzie H. Smith, Instrumental Music.

CENTRAL TENNESSEE COLLEGE.

Nashville, Tenn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,978	460	40	11	4,000

The college was chartered in 1866. Since 1870 there have been 470 graduates in all, 270 of whom were graduated in medicine. The school is governed by thirteen trustees. The departments are English, normal, college, medicine and dentistry, law, theology, as well as an industrial and training school. There is a students' endow-

ment association, an improvement league, library, congress, lyceum, and Blackstone Club, as well as two Christian Associations and four missionary societies.

Faculty.

J. Braden, D.D., President, Philosophy.
Rev. William Osburn, A.M., Science.
Matthew W. Dogan, A.M. Mathematics and Librarian.
David W. Byrd, A.M., Greek and Latin.
Emma A. Parker, History and Lit.
Mrs. H. G. Hipp, Abby Barry, Annie E. Beall, Ella Woodworth, Mrs. H. Pattengale, Normal and English.
H. G. Hipp, A.M., Normal Dep't.
M. E. Braden, Music.
Mrs. M. W. Dogan, Miss Willie Simmons, Piano and Organ.
Carrie E. Walker, Annie E. Beall, Model School.
Rev. W. T. Shedd, D.D., Bursar.
Cynthia C. Mitchell, Matron.
Van J. Davis, Assistant Librarian.

CENTRAL UNIVERSITY.

Pella, Iowa. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,600	175	11	———	5,000

The university was founded in 1853 by a convention of Baptists. Instruction was suspended during the war. In 1870 the debts of the institution were paid, and the school was reorganized. The campus and buildings are valued at $35,000, and there are productive funds of $40,000. The expenses for the year are $133. The president is J. Stuart, B.D., Ph.D.

(*Further information lacking.*)

CENTRAL UNIVERSITY.

Richmond, Ky. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$28,000	754	37	———	8,000

The school was founded in 1874. The expenses for the year are $175. Chapters of the following fraternities have been organized among the students: Σ A E, 1882–1890; Σ N, 1883; A T Ω, 1884–1890; Φ Δ Θ, 1885, and Δ K E, 1885. The graduates number more than 700, of whom some 600 are living. The oldest of these are French Tipton, of Richmond, and Prof. B. L. Hobson, A.M., of Chicago, of the class of 1875. The chancellor is L. H. Blanton, D.D.

(*Further information lacking.*)

CENTRAL WESLEYAN COLLEGE.

Warrenton, Mo. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,410	265	12	6	5,000

The school was founded in 1864 by the German Methodist Conferences. It is governed by fifteen trustees. Admission is by examination for candidates over the age of fifteen. A classical, scientific, and literary course, each of four years, lead to degrees of B.A., B.S., and B.L. Master's degrees are also conferred. The expenses for the year, lasting from September 15 to June 10, are from $120 to $200. Fees of $5 are charged for college diplomas, and of $2 and $3 for commercial and musical diplomas.

Associated with the college are a theological seminary, musical conservatory, and military department. Special attention is paid to the study of German. Attendance at chapel is required. Besides the college proper, a chapel and concert hall, a ladies' home, two dormitories, and a church are included in the buildings. A library, museum, and laboratory have recently been equipped. The grounds consist of a grove of maple-trees on the high ridge separating the Missouri and Mississippi Rivers, sixty miles west of St. Louis.

The students publish the "College Star," a monthly. The societies are the Beethoven Association, Goethenian Society, Garfield Society, Germania Verein, Philomathia (for women), Oratorical Association, Union Temperance Society, and a military company. Of the 300 graduates, the oldest is Prof. J. H. Frick, 1870, of Liberty, Mo.

Faculty.

George B. Addicks, A.M., President, Theology and Philosophy.
John H. Frick, A.M., Mathematics and Sciences.
Albert Sauer, A.M., Music.
Henry Vosholl, A.M., English and History.
John M. Rinkel, A.M., German.
John H. Asling, Ph.D., Latin and Greek.
Henry W. Steininger, Violin and Drawing.
John L. Nuelsen, A.M., B.D., Theology.
Jennie Selleck, Vocal Music.
Jacob Boss, A.M., Commercial Dep't.

INSTRUCTORS.

Olivia Heidel, J. P. Koeller, Hy. Buthmann, W. F. Isler.

CENTRE COLLEGE.

Danville, Ky. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$23,000	269	16	9	11,138

The college was chartered in 1819, and the first class was graduated in 1824. The presidents have been the Revs.: Joseph Chamberlain, 1823–1826; David C. Proctor, temporary president till 1828;

William Blackburn, 1828–1830; John C. Young, 1830–1857; L. W. Green, 1857–1863; W. L. Breckinridge, 1863–1868; Prof. O. Beatly, 1868–1888, when the Rev. W. C. Young, son of a former president, was chosen. In all, 1,100 alumni have been graduated.

Two courses lead to degrees of B.A. and B.S., and a certificate is given to elective students. There is also a law school. There are forty-eight scholarships of $1,000 each, and six of $50, and four of $100 a year. The interest of $1,500 is given to the best Latin student in the Sophomore class, and the interest of $1,000 to the best Senior. Two gold medals are competed for annually by the two literary societies, — the Chamberlain, and the Demologian. The college grounds cover twenty-two acres. The annual expenses are from $125 to $150. Attendance at chapel and gymnastic drill are compulsory. Negroes are excluded. The academic year lasts from September 9 to June 9.

The students publish "The Cento," a monthly. Besides the above-mentioned societies, and a football and baseball team, chapters of the following fraternities have been organized: Β Θ Π, 1847; Φ Δ Θ, 1855; Φ Γ Δ, 1856; Φ Κ Ε, 1860–1862; Ε Χ, 1876, and Κ Α, 1883.

Faculty.

Rev. William Clark Young, D.D., LL.D., President, Moral Philosophy.
Rev. John Lapsley McKee, D.D., Vice-President, Christian Evidences.
John Cilley Fales, A.M., F.G.S.A., Geology and Biology.
Alfred Brierley Nelson, A.M., M.D., Mathematics.
John W. Redd, A.M., Greek.
Samuel Robertson Cheek, A.M., Latin.
J. Proctor Knott, LL.D., Law, Civics.
Robert P. Jacobs, LL.D., Law.
John W. Yerkes, A.M., LL.B., Law.
C. H. A. Wager, A.B., Ph.D., English.
W. O. Stillwell, M.E., Chem., Physics.
M. Douglas Flattery, M. G., Physical Culture.
Leslie Carrol Bosley, A.M., Principal of Academy.
John Buford Wood, A.B., Assistant.

CHADDOCK COLLEGE.

Quincy, Ill. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	130	15	2	1,500

The college was founded in 1853. It is situated on the east bank of the Mississippi, two hundred and fifty feet above the river, on ground covering two acres. The trustees number twenty-eight, of whom three are alumni. Admission is upon certificate. Three college courses, — the classical, Latin-scientific and literary, — are offered, besides preparatory courses, and a course in music and law. A summer school has recently been established. The degrees are B.A., B.S, B.L., and B.LL., as well as M.A., after three years. The expenses for the year, lasting from September 8 to June 10, are $140. A gold medal is offered for the best law thesis. Attendance at

chapel is required. The use of tobacco on the campus, and the visiting of theatres or opera houses is forbidden. The societies are the Cartesian and Adelphic, maintaining halls, two Christian Associations, and an athletic association. The graduates number 200.

Faculty.

Rev. Benjamin W. Baker, M.A., Ph.D., President, Ethics and Metaphysics.
Rev. Abner Clarke, M.A., B.D., Science and Greek.
Hallie Hall, M.A., English.
Louisa A. Moore, Ph.B., English.
Lucy Bates, B.S., Languages.
W. E. Baker, A.B., Business Dep't.
Mary Baker, A.B., Music.
Walter D. Agnew, Mathematics.
Mrs. L. A. Moore, Art and Drawing.
Carl Gardner, Instrumental Music.
L. E Emmons, LL.B., Torts and Common Law.
C. E. Epler, LL.B., Equity, Evidence, and Practice.
H. M. Swope, LL.B., Corporation and Probate Law.
T. R. Petri, LL.B., Contracts and Criminal Law.

CHAUTAUQUA.

The Chautauqua Assembly was organized in 1874 as the result of a joint plan of Lewis Miller and John H. Vincent. It holds annual sessions during July and August at Chautauqua, N. Y. The plan includes courses of instruction in language, literature, science, and art, lecture courses, musicales, recitals, and concerts, and various forms of entertainment and recreation.

The Chautauqua Literary and Scientific Circle, J. L. Hurlbut, New York, General Secretary; Kate F. Kimball, Buffalo, Executive Secretary, was organized at Chautauqua in 1878, with the aim of continuing the influence of the assembly throughout the year in all parts of the country. Since that time more than two hundred and twenty thousand members have been enrolled. The circle aims to promote habits of reading and study in history, literature, science, and art, in connection with the routine of daily life. The course seeks to give "the college outlook" on the world and life. The essentials of the plan are: A definite course covering four years each year's course complete in itself; specified volumes approved by the counsellors, allotment of time by the week and month, a monthly magazine with additional readings and notes, a membership book with review outlines, and other aid. Individual readers may have all the privileges and local circles may be formed by three or four members. The time required is about one hour daily for nine months. Certificates are granted to all who complete the course. Seals are affixed to the certificates which are granted for collateral and advanced reading. Any one may become a member of the C. L. S. C. by sending an application together with fifty cents (the annual fee) to John H. Vincent, Drawer 194, Buffalo, N. Y.

Officers.

Lewis Miller, President.
W. A. Duncan, Secretary.
E. A. Skinner, Treasurer.
John H. Vincent, Chancellor.
William R. Harper, Principal.
G. E. Vincent, Vice-Chancellor.

CHRISTIAN UNIVERSITY.

Canton, Mo. *Co-Educational.* *Disciples of Christ.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,500	71	11	1	2,500

The university was founded in 1852. It is governed by nineteen trustees. There is an ancient and modern classical course, leading to the degrees of B.A. and B.S. The college grounds cover nineteen acres. The academic year lasts from September 10 to June 11. The students maintain one Biblical and three literary societies. Of the 181 graduates since 1857, no less than 150 are preachers.

Faculty.

Clinton Lockhart, A.M., Ph.D., President, Hebrew and Sacred Literature.
B. H. Smith, A.M., LL.D., Evidences of Christianity.
A. J. Youngblood, A.M., Philosophy and Latin.
Alex. C. Hopkins, A.M., Mathematics and Astronomy.
J. H. Carter, A.M., Greek, German, and French.
Belle H. Updegraff, A.M., English and History.
R. B. Turner, M.D., Anatomy, Physiology, and Hygiene.
O. S. Reed, A.M., Elocution, Oratory.
Mary B. Hopkins, Music.
Jennie H. Youngblood, Voice Culture.
Mary A. Lockhart, Painting.
A. C. Hopkins, Secretary of Faculty.

CLAFLIN UNIVERSITY.

Orangeburg, S. C. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,000	570	30	12	1,800

This institution for colored students owes its foundation to Lee Claflin, of Boston. In 1870 a charter was obtained, and sixty-seven acres of land purchased. In 1872 the college of agriculture and of mechanical arts was organized, and a farm of one hundred and sixty acres was secured. The college is governed by twenty-one trustees, with a board of sixteen for the college of agriculture. Nine courses of study lead to degrees of B.A. and B.S. The college year is from October 3 to May 22. Besides several literary societies, there are two Christian Associations, a building for which is in progress. Of the 300 graduates, 280 are living, the oldest of whom is W. S. Buckley, 1882, of Orangeburg, S. C.

Faculty.

L. M. Dunton, D.D., President, Agriculture.
James S. Heyward, A.M., Physical Science.
L. M. Dunton, A.M., Preceptress, Literature and German.
William L. Bulkley, Ph.D., Latin.
Mortimer Glover, A.M., History and Political Science.
P. F. Stevens, D.D., Mathematics.
Charles D. Mead, A.M., Latin and Pedagogics.

Joseph C. Hartzell, Jr., B.S., B.Lit., Biology and Mineralogy.
Charles H. Sears, A.M., Pedagogics and English Department.
William R. A. Palmer, A.M., B.D., Greek.
R. Charles Bates, Drawing and Manual Training.
Mrs. J. C. Hartzell, Jr., Music.
M. Louise Linebarger, Music.
Eva Penfield, Director Memorial Home.
Charles H. Sears, A.M., S. Rufus Youngblood, A.B., Jessie E. Stoney, Eliza R. Bowler, Ada G. Doar, Alice J. Blakely, A.B.

CLARK UNIVERSITY.

South Atlanta, Ga. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,163	400	12	4	1,500

Clark University was founded in 1869, and incorporated in 1877 by the Freedman's Aid and Educational Association. The school is governed by twenty-seven trustees. It gives the degrees of B.A., B.S., and M.A., as well as mechanical engineering. No money is required for tuition. Since the founding of the school, in all 124 students have been graduated. The academic year is from October 1 to May 20.

Faculty.

Rev. David Clarke John, A.M., D.D., President, Mental Science.
William Henry Crogman, A.M., Latin and Greek.
Charles Henry Turner, M.S., Natural Sciences.
George William Kessler, M.S., Math.
Arthur Willis Rowell, Prin. Normal Department, Methods of Instruction.
Elizabeth Whitaker John, History, English Literature.
Flora Mitchell, Domestic Economy.
Sara Melissa Soule, Preceptress.
Sibyl Eliza Abbott, A.M., Fifth and Sixth Grades.
Josie Emma Holmes, Third and Fourth Grades.
Marie Isabel Hardwick, First and Second Grades.
Ariel S. Bowen, Instrumental Music.
John Henry Shilling, Vocal Music.
Marie Louise Hyde, Registrar.

CLARK UNIVERSITY.

Worcester, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	——	41	——	16,000

Only graduate students are admitted. No entrance examinations are required. Instruction is given in mathematics, physics, chemistry, biology, and psychology. Special research is carried on in all these courses. The highest appointment is that of docent, preceding that of doctor. Candidates for the degree of Ph.D. must have done two or three years of graduate work. There are ten fellowships of $600 and ten of $400 a year, and ten scholarships of $200 and ten of $100 a year. With eight the annual fee of $200 is remitted. The

library has 16,000 volumes, and receives 239 periodical publications. Besides the "Journal of Psychology and Pedagogy," thirteen publications are issued annually by the university.

Faculty.

G. Stanley Hall, Ph.D., LL.D., Pres.
William E. Story, Ph.D., Math.
Clifton F. Hodge, Ph.D., Physiology and Neurology.
Edmund C. Sanford, Ph.D., Psychol.
Henry Taber, Ph.D., Mathematics.
Arthur G. Webster, Ph.D., Physics.
William H. Burnham, Ph.D., Pedagogy.
Alexander F. Chamberlain, Ph.D., Anthropology.
Joseph de Perott, Docent in Math.
Herman T. Lukens, Ph.D., Docent in Pedagogy.
Adolf Meyer, M.D., Docent in Psychiatry.
Louis N. Wilson, Librarian.

CLARKSON MEMORIAL SCHOOL.

Potsdam, N. Y. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	——	7	3	——

The Thomas S. Clarkson Memorial School of Technology was founded in 1895, and opened its doors to students in September, 1896. It was established in commemoration of the late Thomas S. Clarkson, of Potsdam, who before his death in 1894 had expressed a wish to found such a school. His three sisters, with the help of a committee, the members of which visited the most prominent schools of technology in the East, endeavored to carry out their brother's plans by establishing the present school. The plan is to train students for the engineering profession, laboratory work, and for the various branches of industrial art and the applied sciences, together with the usual liberal studies. Candidates for admission must be sixteen years old. Both sexes are admitted on an equal footing. Tuition is from $20 to $40 for term of twenty weeks, and from $6 to $10 for manual training. Students in the State Normal School of Potsdam can attend all courses given in the new school free of charge. A course in engineering leads to the degree of B.S. No other degree is given. The endowment fund is $300,000, and $200,000 have been spent for the buildings and equipment.

Faculty.

Charles W. Eaton, Director, Technology.
Henry B. Dates, B.S., Electrical Engineering.
Edward Robinson, B.S., Mechanical Drawing and Designs.
Henry R. Hedge, Mathematics and Languages.
Clarence A. McDonald, M.E., Machines and Smithing.
Sarah A. Nichols, Domestic Arts.

COE COLLEGE.

Cedar Rapids, Ia. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	170	12	2	2,500

Coe College had its origin in a school opened in 1851, which organized as a collegiate institute afterwards known as the Parsons Seminary and Coe Collegiate Institute, finally adopting the name of Coe College in 1881. The first president was Rev. Stephen Phelps, who was followed by the present incumbent in 1887. From the sale of real estate $80,000 have been realized for the college, and $50,000 is still expected. The total endowment is $270,000. The college is governed by eighteen trustees. There are four courses, — the classical, philosophical, engineering, and scientific. In the last two years a large number of studies are elective. Twenty prizes, varying from $5 to $25, are given for excellence in various studies.

There is a gymnasium with athletic grounds, a campus of ten acres, and a building for the Y. M. C. A. A preparatory school is also maintained. The students have organized four literary societies, and publish a monthly paper called "The Cosmos."

Faculty.

Rev. James Marshall, D.D., President, Mental and Moral Science and Political Economy.
Rev. Robert A. Condit, A.M., Ancient Languages.
Alice King, English and History.
Clinton O. Bates, A.B., Ph.D., Chemistry and Physical Sciences.
Stephen W. Stockey, Sc.M., Natural Sciences and Biology.
Gordon V. Skelton, C.E., Mathematics and Engineering.
M. Leeb, Modern Languages.
John A. Rockfellow, A.B., Head of Preparatory.
Marian H. Kilbourne, Lady Principal, Elocution, Physical Culture.
Margaret West, Instrumental Music.
Annie Snyder, Vocal Music.

COLBY UNIVERSITY.

Waterville, Me. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$37,689	260	15	10	31,000

Colby University was founded in 1820, and was formerly called Waterville College. In all, 1,037 students have been graduated, of whom 690 are now living; the oldest of these is Albert N. Paine, 1832, of Bangor, Me. The fiftieth and seventy-fifth anniversaries of the college were duly observed. There is a gymnasium, with an athletic ground covering eleven acres. The college grounds cover twenty-five acres. Degrees of B.A., B.S., and M.A. are given. Attendance at chapel is compulsory, as is attendance in the gymnasium

during the winter term. Negroes are not excluded, though but three have attended in all. The students publish the "Colby Echo," a fortnightly, and the "Colby Oracle," an annual. Among the societies organized by students are an athletic association, two Christian Associations, a chess club, and chapters of the following fraternities: Δ K E, 1845; Z Ψ, 1850; Δ T, 1852; Σ K, 1874; and Φ Δ Θ, 1884.

Faculty.

Nathaniel Butler, D.D., President, Psychology, Ethics, and Sociology.
W. Elder, Chemistry.
J. D. Taylor, Latin.
W. S. Bailey, Mineralogy and Geology.
C. B. Stetson, Greek.
J. W. Block, History, Polit. Economy.
A. J. Roberts, English.
A. Marquardt, Modern Languages.
A. H. Evans, Greek.
E. W. Hall, Librarian.
L. E. Warren, Mathematics and Art.
G. D. B. Pepper, Biblical Literature.
W. A. Rogers, Physics and Astronomy.

COLGATE UNIVERSITY.

Hamilton, N. Y. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$89,475	310	34	11	25,000

History and Organization: Colgate University was founded in 1816 by Daniel Heascall, D.D. One hundred and twenty acres of land were given for a college site in 1826, to be increased to two hundred acres at a later time. The presidents have been Nathaniel Kendrick, D.D., 1836–1848; Stephen W. Taylor, LL.D., 1851–1856; George W. Eaton, D.D., LL.D., 1856–1868; Ebenezer Dodge, D.D., LL.D., 1868–1890; George William Smith, LL.D., 1895–.

The fiftieth anniversary of the university was celebrated on May 1, 1869. An effort to move the university to Rochester failed after a controversy of three years.

The college is governed by a corporation of twenty-five members. There is a fund of $500,000, one half the interest of which is added to the principal. Three parallel courses lead to degrees of B.A., M.A., B.L., B.Ph., B.S., and B.D. Attendance at chapel and gymnastic exercise is compulsory.

Scholarships and Prizes: Tuition and yearly expenses are $60 and from $200 to $400. There are sixty-four scholarships, yielding from $30 to $90 a year. The education society aids poor students; and there are thirty prizes of from $12 to $60 for excellence in study.

College Adjuncts: The library receives an income of $25,000 a year. There is a gymnasium accommodating four hundred, and an athletic field of fifteen acres. The students publish the "Madisonenses," a bi-weekly paper, and the "Salmagundi," the college annual. There is an athletic association, with a football eleven, a baseball nine, and a track team; a glee club, a banjo, guitar, and mandolin club, a university quintette, a students' private band, a press club, dramatic club, students' association, Laurie Club, and Y. M. C. A. Chapters

of the following fraternities have been established: Α Δ Φ, 1850–1851; Δ Κ Ε, 1856; Δ Υ, 1868; Δ Φ, 1874–1876; Β Θ Π, 1880; Φ Γ Δ, Φ Ψ, 1887; Φ Κ Ψ, 1887; Θ Ν Ε; and Β Δ Β.

The alumni now living number 1,260. Of these, Philetus B. Spear, of Hamilton, of the class of 1836, is the oldest.

Faculty.

George William Smith, A.B., LL.B., President.
Philetus Bennett Spear, D.D., Hebrew and Latin.
Alexander McWhorter Beebee, D.D., Logic and Homiletics.
Newton Lloyd Andrews, Ph.D., LL.D., Greek.
James Morford Taylor, LL.D., Math.
William Hale Maynard, D.D., Ecclesiastical History.
Sylvester Burnham, D.D., Old Testament Interpretation.
Joseph Frank McGregory, A.M., F C.S., Chemistry and Mineralogy.
William Henry Crawshaw, A.M., English Literature.
Nathaniel Schmidt, A.M., Semitic Languages and Literature.
William Newton Clarke, D.D., Christian Theology.
Robert Webber Moore, Ph.B., French and German.
Albert Perry Brigham, A.M., Geology and Natural History.
David Foster Estes, A.M., New Testament Interpretation.
Arthur Jones, D.D., Homiletics.
Ernest Fox Nichols, B.S., Physics.
John Greene, Ph.D., Latin.
Ralph Wilmer Thomas, A.M., Rhetoric and Public Speaking.
Albert Cook McGregory, Ph.D., Physics.
Melbourne Stuart Read, Ph.D., Philosophy.
Charles Worthen Spencer, A.B., History and Economics.
Eugene Pardon Sisson, A.M., Principal of Colgate Academy.
Thomas Joseph Bryan, A.B., French and Public Speaking.
William Frank White, A.B., Greek.
Wayland Morgan Chester, A.B., Geology and Natural History.
Herbert Edward Nims, A.B., Chemistry.
James Paddock Taylor, A.B., Pedagogy.
May Frances Smith, Librarian.

COLLEGE FOR WOMEN.*

Cleveland, Ohio. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
—	128	27	2	—

History and Organization: The college was opened in 1888 as a part of Western Reserve University. It is governed by a board of twenty-three trustees, and an advisory counsel of twenty-two members. The students are required to pass examination on studies previously pursued in other colleges, but are also admitted upon certificate. Many elective courses are offered. The degrees are B.A., B.L., and B.Ph. The college dues are $75 a year. There are scholarships for worthy students, and honors in German, Greek, Latin, and mathematics, and a publication fund for the results of original research.

College Adjuncts: The gymnasium is modern and effective. There is an athletic association, a Christian Association, and several other

* See Western Reserve University.

clubs and societies maintained by the students. The students publish the "College Folio."

Faculty.

Charles Franklin Thwing, D.D., LL.D., President.
Hiram Collins Haydn, D.D., LL.D., Biblical Literature.
Mary Noyes Colvin, Ph.D., Romance Languages.
Emma Maud Perkins, A.B., Latin.
Stephen Francis Weston, A.M., Political and Social Science.
Harold North Fowler, Ph.D., Greek.
Henry Platt Cushing, M.S., Geology.
Henry Eldridge Bourne, B.D., History and Registrar.
Robert Waller Deering, Ph.D., Germanic Languages and Literature.
Clarence Walter Ayer, A.M., English and Librarian.
Jennette Barbour Perry, A.B., English.
Herbert Austin Aikins, Ph.D., Philosophy.
Annie Thomson Nettleton, A.B., English.
William Henry Hulme, Ph.D., German.
Ella Jane Morse, Gymnastics.
Lemuel Stoughton Potwin, D.D., English.
Edward Williams Morley, M.D., Ph.D., LL.D., Nat. His. and Chemistry.
Frank Perkins Whitman, A.M., Physics and Astronomy.
Charles Harris, Ph.D., German.
Frederick Morris Warren, Ph.D., Romance Languages.
Francis Hobart Herrick, Ph.D., Biology.
Samuel Ball Platner, Ph.D., Latin and Sanskrit.
Edward Gaylord Bourne, Ph.D., History.
Abraham Lincoln Fuller, Ph.D., Greek.
Thomas Wentworth Higginson, A.M., Literary Conditions in America.
Jessie Boggs, A.M., M.D., Hygiene.
Elizabeth Currier Annin, Housemistress.

COLLEGE OF CHARLESTON.

Charleston, S. C. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,712	50	6	1	12,000

The college, which is the oldest in the State, was chartered in 1785, after a petition had been sent to the assembly in 1770. Owing to the disturbances of the Revolutionary War the college was not actually organized until 1791, when a new charter was obtained, and gifts of $60,000, made before the war, were realized upon. In 1794 the first class, numbering six students, was graduated. Among the presidents have been: the Rev. Robert Smith, 1785–1797; Thomas Bee; Rev. George Buist; Rev. Jasper Adams, 1824–1836; Dr. William Brantley, 1836–1845; Dr. Perronneau Findley, 1845–1857; Dr. N. R. Middleton, 1857–1880; and Dr. Henry E. Shepherd, the present incumbent, who was elected in 1882.

During the first thirty years the work of the college was practically that of a grammar school. It deteriorated steadily until Professor Adams was called from Brown University to assume the presidency. He raised the school to collegiate rank at once, but his attempted abolishment of the preparatory department embroiled him with the trustees, who compelled his resignation. As a result of the difficulties that followed, the city authorities assumed control, detached the preparatory department, and constituted a new board of twelve trustees, three of whom are members of the city council.

Admission is by examination. The degree of B.A. is given after completion of the four years' curriculum, with one elective course, and a graduating essay. M.A. is conferred after two years. Attendance at chapel is compulsory. Smoking is forbidden on the college grounds, as is the possession of "fireworks, explosives, firearms, knives, dirks, or deadly weapons," or the practice of hazing. The expenses of the year, as well as tuition, lasting from October 5 to June 29, are $214. Ten scholarships yielding $150 have been established by the late Kerr Boyce.

The college now enjoys the income from $200,000, of which $170,000 was given by Ephraim Baynard, a planter of the State. The city annually appropriates $2,000. A museum of natural history was founded in 1851 at the suggestion of Louis Agassiz. The library, dating back to the last century, contains 12,000 volumes. The Chrestomatic Society, a debating club, which has existed, with its hall and library, for more that fifty years, is officially recognized as an educational adjunct of the college. Chapters of the following fraternities have been organized: Σ A E, 1881–1882, and A T Ω, 1889.

The graduates number 476, of whom 226 are living. The oldest of these is the Rev. R. S. Trapier, U. S. N., 1828, of Charleston.

Faculty.

Henry E. Shepherd, A.M., LL.D., President, History and Engish.
A. Sachtleben, Greek and Latin.
Gabriel E. Manigault, M.D., Geology.
Hancke F. Wagener, B.A., French and German.
Beauregard Boaz, M.A., Librarian, Mathematics.
William R. Cathcart, Jr., A.M., Ph.D., Chemistry and Physics.
R. W. E. Bassett, A.M., French and German.

COLLEGE OF EMPORIA.

Emporia, Kan. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,000	132	13	2	4,000

In 1882 the city of Emporia gave forty acres of land, with $40,000, for a building, the college to be fully endowed by the Presbyterian Synod. An additional gift of $18,000 was given later. Degrees of B.A. and M.A. are conferred. There are six prizes, and a scholarship for indigent students. There is a gymnasium with extensive athletic grounds. Four literary societies and two Christian Associations are maintained. The students publish the "College Life." The academic year is from September 15 to June 16.

Faculty.

John Dunbar Hewitt, D.D., President, Financial Secretary.
William Reeside Kirkwood, D.D., Mental, Moral, and Political Sciences.
William Dennis Ward, A.M., Latin.
Reuben S. Lawrence, Ph.D., Mathematics, Astronomy, and Greek.
Vernon Louis Parrington, A.M., English and French.

Francis William Bushong, A.M., German and Natural Sciences.
Martha Roach McCabe, History, Librarian.
Hon. Charles B. Graves, Constitutional Law.
Ethel Page, A.M., Greek and Geom.
Sadie Belle Mann, Algebra.

COLLEGE OF MONTANA.

Deer Lodge, Mont. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,880	101	11	3	3,000

The school is governed by fourteen trustees. The endowment is $50,000. The degrees are B.A., B.S., B.Ph., B.C., C.E., G.Ph., and a degree in mining. Tuition is from $36 to $100 a year; other expenses are about $6 per week. There is one scholarship from the proceeds of $10,000 for the education of one deserving woman. The college grounds comprise twenty acres. The total number of graduates is 32, of whom the oldest is H. L. Hilbard, 1889, of New York city.

Faculty.

Rev. A. B. Martin, President, Philosophy and Sacred Literature.
Frank Newton Notestein, A.M., Ph.D., Mathematics and Botany.
William Newton McKee, A.B., Greek and Latin.
Catharine Eliza Hutchins, A.B., English and History, Lady Principal.
Lena Greve, German and French.
Gustave Michaud, D.Sc. Chemistry.
Henry Marquette Lane, M.E., Mining and Civil Engineering.
William R. McLeod, Stenography and Typewriting.
Susie Maud Kraft, Piano and Instrumental Music.
Evelyn Gorham, Voice.
Howard Lincoln Major, Violin, Guitar, Mandolin, and Banjo.
Nathan Davies Birdseye, Librarian.

COLLEGE OF ST. JOSEPH.

St. Joseph, Mo. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,040	85	12	——	600

The college was founded in 1869. The expenses of the year are $200. The graduates number 145, of whom Helen Lehmer, 1871, is the oldest. The president is Furman J. Smith.

(*Further information lacking.*)

COLLEGE OF THE CITY OF NEW YORK.

New York, N. Y. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$53,052	1,695	50	3	29,342

History and Organization: The Free Academy of New York was established in 1848. In 1866 it became a college, and the present name was adopted. The first class to complete a four years' course was that of 1853. In 1882 the school was opened to all young men of New York City. The institution is governed by the board of regents of the State, and eleven trustees.

Admission, Degrees, etc.: Admission is free. All who pass the entrance examinations are admitted on probation for eight weeks. There are four courses of study, two of five years each: the classical, leading to the degree of B.A., and the scientific, leading to the degree of B.S.; and two of one year each, the commercial and the mechanical. The academic year is divided into two terms, and lasts from the Thursday following the second Monday of September to June 18.

Scholarships, Prizes, and Equipment: No tuition is charged. There is a loan fund for poor students. Eight gold medals, six of silver and twenty of bronze, are awarded, besides prizes for speaking, mechanical proficiency, and excellence in political economy. There is a prize of $80 for the best essay on American affairs, and one of $100 for the best translation.

The students publish the "Microcosm," an annual, and "The Mercury." There are two literary societies: the Clionian, and the Phrenocosmian; glee and mandolin clubs, an athletic association, with lacrosse and football teams, and chapters of the following fraternities have been established: Φ B K, A Δ Φ, 1855; Δ K E, 1856; X Ψ, 1857–1882; Φ Γ Δ, 1865; Δ Υ, 1874–1879: Θ Δ X, 1881; Φ Δ Θ, 1884. The graduates from 1853 to last year numbered 1,760, of whom 1,350 are living. The oldest is George W. Birdsell, 1853, of New York City.

Faculty.

Alexander Stewart Webb, LL.D., President.
Robert Ogden Doremus, M.D., LL.D., Chemistry and Physics.
Adolph Werner, Ph.D., German.
Alfred George Compton, A.M., Applied Mathematics.
Charles George Herbermann, Ph.D., LLD., Latin and Librarian.
Solomon Woolf, A.M., Descriptive Geometry and Drawing.
Fitz Gerald Tisdall, Ph.D., Greek.
James Weir Mason, A.M., Pure Mathematics.
Henry Phelps Johnston, A.M., Hist.
William Stratford, M.D., Ph.D., Natural History.
Casimir Fabregou, A.M., French.
George Edward Hardy, A.M., Eng.
Robert H. Hatch, Elocution.
William George McGuckin, A.B., LL.B., History.
John Robert Sim, A.B., Pure Mathematics.
Leigh Harrison Hunt, M.S., M.D., Descriptive Geometry and Drawing.
Ivin Sickles, M.S., M.D., Natural History.
Calvin Rae Smith, Descriptive Geometry and Drawing.

Charles Avery Doremus, M.D., Ph.D., Chemistry and Physics.
Gustave Legras, B.S., Pure Mathematics.
Lewis Freeman Mott, M.S., English.
John J. McNulty, Ph.D., Moral and Intellectual Philosophy.
C. Howard Parmly, M.S., E.E., Applied Mathematics.
Stanislas C. Constant, French.
Ernest Ilgen, A.B., German.
August Rupp, A.B., Latin.
John Alfred Mandel, Chemistry and Physics.

COLLEGE OF THE HOLY CROSS.

Worcester, Mass. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
	250	27	4	21,000

The college was founded in 1843, and incorporated in 1865. The course of study, with the academic course, embraces seven years, the last year's study being devoted to rational philosophy and the natural sciences. The degrees are B.A. and M.A. Scholarships paying tuition, with gold and silver crosses of honor and premiums for speaking, are offered. There are six leagues and societies, besides a philharmonic and glee club, with other associations. "The Purple" is published monthly.

Faculty.

Rev. Edward A. McGurk, S.J., President.
Rev. John F. Lehy, S.J., Vice-Pres.
Rev. John B. Mullaly, S.J., Treasurer.
Rev. Joseph F. Hanselman, S.J., Studies and Discipline.
Rev. Joseph Loyzance, S.J., Chaplain.
Terence J. Shealy, S.J., Librarian.
Rev. Francis W. Gunn, S.J., Rational and Moral Philosophy.
Fernand A. Rousseau, S.J., Physics, Mechanics, and Geology.
Patrick M. Collins, S.J., Chemistry and Geometry.
Terence J. Shealy, S.J., Rhetoric.
Rev. John A. Buckley, S.J., Philip M. Finegan, S.J., Poetry.
Jeremiah Cronin, S.J., James I. Moakley, S.J., Humanities.
Rev. John F. Lehy, S.J., Differential and Integral Calculus.
Rev. Joseph A. Gorman, S.J., Trigonometry and Analytical Geometry.
Rev. Alphonse Dufour, S.J., French.

COLORADO COLLEGE.

Colorado Springs, Col. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$11,337	300	30	8	20,000

Colorado College, the oldest school in the State, was founded in 1873, and incorporated and opened in 1874, while Colorado was still a territory. The presidents have been: Rev. Jonathan Edwards, 1874-1875; Rev. James G. Dougherty, 1875-1885; and William F. Slocum, Jr., 1888, who is still in charge. Before Mr. Slocum's

election, the college was without a president for three years. The first permanent building was occupied in 1880. Dormitories for men and women, and a gymnasium, were added in 1889 and 1891, to be followed by a library and observatory of great architectural beauty in 1894. During the last year $200,000 have been subscribed in consequence of a gift of $50,000 from Dr. D. K. Pearson, of Chicago.

In 1896 the property of Tillotson Academy at Trinidad, Col., was transferred to the college. The school is governed by eighteen trustees. Associated with it is a musical conservatory and Cutler Academy. Admission is by examination, except for the graduates of the academy, or for those bearing certificates of the Colorado State Teachers' Association, or of accredited schools. Three courses, of four years each, lead to degrees of B.A., B.S., and B.Ph. In the junior and senior years a choice of fifty elective courses is offered. Attendance at chapel is not required. The expenses for the year, lasting from September 22 to June 16, are from $100 to $200, of which $43 is for tuition. Ten scholarships are offered, three of which are of $1,000, one of $700, and three of $500. Several others are supported by annual subscription. One prize of $10 is offered for proficiency in Greek. The societies are the Women's Educational Society (the object of which is to make loans to poor students), the Colorado Scientific Society, an alumni association, two Christian Associations, three literary societies, who jointly own a society hall, and an athletic association, with football and baseball teams, tennis association, and golf clubs.

University extension was inaugurated in 1894.

Faculty.

William Frederick Slocum, Jr., B.D., LL.D., President, Philosophy.
Louis A. E. Ahlers, A.B., Modern Languages.
Susan Almira Bacon, French, German.
Florian Cajori, M.S., Ph.D., Physics.
Francis Whittemore Cragin, B.S., Geology and Mineralogy.
Oma Fields, Piano.
George A. H. Fraser, B.A., M.A., Latin.
M. Clement Gile, B.A., M.A., Greek.
Rubin Goldmark, Director of Music.
Blanche Hermann, Piano.
Edith Huse, Sight Reading.
Hugh H. Langton, B.A., Librarian.
Rev. E. C. F. Krauss, Ass't Libr.
Frank Herbert Loud, B.A., Mathematics and Astronomy.
Rev. George Nathaniel Marden, Hist.
Paul Martin Mead, Physical Culture.
Atherton Noyes, B.A., English and Greek.
Marion McGregor Noyes, Latin.
Edward S. Parsons, B.A., M.A., B.D., English.
Sophie Bendelari de Peralta, Fine Arts.
Grace A. Preston, B.A., M.A., M.D., Physiology.
Louise Reinhardt, Spanish.
Arthur F. Stearns, B.A., Elocution.
William Strieby, B.A., M.A., E.M., Chemistry and Metallurgy.
George Szag, Violin.
Hannah L. Taylor, M.D., Physiology and Hygiene.
Fanny Aiken Tucker, Vocal Music.
Francis Walker, B.S., M.S., Ph.D., Political Science.

LECTURERS.

J. T. Eskridge, M.D., Brain Functions.
Edward Freeman, M.D., Microscopic Analysis of Nervous Tissue.
Rev. James B. Gregg, D.D., Ethical Teaching of Old Testament.

COLUMBIA UNIVERSITY.

New York, N. Y. *Co-Educational.* *Non-Sectarian.*

Total Income,	Students,	Instructors,	Buildings,	Books,
$770,832.79	1,943	265	4 (6 projected)	215,000

History and Location: King's College, as Columbia University was formerly called, was founded in 1754, under royal charter. The design of establishing a college in New York was contemplated fifty years before. Active measures began to be taken in 1746, when provision was made by law for raising money by public lottery. The college was established on a grant of land known as the king's farm, the property of Trinity Church, between the present Barclay and Murray Streets, overlooking the Hudson River. It was then declared by travellers to have the finest site of any college in the world. In 1857 it was removed to a block between 49th and 50th Streets, New York City, overlooking the East River. From the beginning this location was regarded as temporary. The present site on Morningside Heights, between 116th and 120th Streets, was the field of the Battle of Harlem. It overlooks the Hudson River on one side, and North New York on the other, and is once more declared to be one of the finest college sites in the world.

The original charter made the college a non-sectarian one. The first class was graduated in 1760 with eight students. During the Revolutionary War instruction had to be suspended, the president of the college, a royalist, having been forced to flee to England. The college buildings were converted into a military hospital. In 1784, after a lull of eight years, the school was revived under the name of Columbia College. The first student under its new name was DeWitt Clinton, while the new president was the son of the first president of King's College. The names and terms of the presidents are as follows: Samuel Johnson, S.T.D., 1754–1763, Myles Cooper, LL.D., 1763–1775; Benjamin Moore, A.M., 1775–1776; William Samuel Johnson, LL.D., 1787–1800; Charles H. Wharton, S.T.D, 1801*; Benjamin Moore, S.T.D., 1801–1811; William Harris, S.T.D., 1811–1829; William Alexander Duer, LL.D., 1829–1842; Nathaniel F. Moore, LL.D., 1842–1849; Charles King, LL.D., 1849–1864; Frederick A. P. Barnard, S.T.D., LL.D., L.H.D., D.C.L., Ph.D., 1864–1889, Seth Low, LL.D., 1890.

A medical faculty was established in King's College in 1767, and consisted at first of six professors. The faculty was discontinued in 1813 because of the establishment of the college of physicians and surgeons. No degrees in medicine were given for fifty years. In 1860 the college of physicians and surgeons became the medical department of Columbia, but the present charter was not surrendered till 1891. Instruction in law was first given in 1793. The school of mines, now the school of applied science, through the efforts of Thomas Egleston, was founded in 1863. In 1880 a school

* Resigned.

of political science was opened. Barnard College, where instruction is given to women, was founded in 1889. The school of philosophy was established in 1890, and that of pure science in 1892.

Organization: Columbia University consists of a school of arts (the original college), of sundry professional schools, to wit: the school of law, the college of physicians and surgeons, the school of applied science, of political science, of philosophy, of pure science, and Barnard College. The various schools are under their own faculties, which in turn are governed by the university council, consisting of the president, the faculty deans, and one member of each faculty. The university as a whole is governed by twenty-four trustees, who hold office for life, and who appoint their own successors.

Degrees and Instruction: Degrees are given by all the various schools, embracing degrees of bachelors of arts, science, laws, medicine, and engineering as well as master's and doctor's degrees. The college has a four years' course in arts and sciences, leading to the degree of B.A. Admission is upon written examination, and candidates must be at least eighteen years of age. Negroes are not excluded. Graduates of colleges and scientific schools in good standing, and all persons who have received the academic diploma of the regents of New York, are admitted without examination. The studies for the first two years are obligatory; in the junior year two studies are required, and forty-two are elective; in the senior year all are elective. In the junior and senior years of Barnard College all courses given in the school of arts are open to students. The degrees for Barnard College are those of Columbia University, and are given as such. Attendance at chapel or gymnastic drill is not compulsory. The college year lasts from October 5 to June 10.

Tuition, Scholarships, and Aid: The tuition fee is from $150 to $200, with special fees in the various schools. The price for tuition can be reduced, except in the medical school, on the ground of good character and ability. The total expenses of the year range from $380 to $1,000. There are twenty-four fellowships yielding the income of $500 each, twenty-nine scholarships of lesser income, and nearly one hundred prizes for the students of the college. In the medical school there are three fellowships of $500 each, and one prize of $700 in medical science. Three similar prizes are given for clinical reports, three for proficiency, and three of $200 and $100 for medical essays. One scholarship of $1,300, and two of $1,000 provide for foreign study. Two prizes, one of $1,000, and the other of $400, have been established for the best works on North America, and there are seven prizes of from $500 to $40 for good work in political science.

Equipment: The annual income is $770,833. The library contains 215,000 volumes, and receives 500 periodicals. The university press publishes "The Bulletin," and all meritorious work in special research. Besides the Seth Low library building, costing $100,000, a hall to cost $300,000, and two new buildings costing $650,000, six new buildings are to be erected, the future cost of which is estimated at $2,000,000. One of these is a gymnasium to be connected with the present athletic grounds in North New York, and with the

university boat-house on the Hudson, which has already been completed.

Instructors, Students, and Alumni: The number of students during the last current year was 1,943. More than 2,000 are to attend the session of 1896–1897. The number of American colleges represented in the postgraduate department is 136, and of foreign colleges, 26. The total number of instructors is 265. The total number of alumni last December was 14,634; of these 2,719 had died. The oldest living graduate is Hamilton Martin, 1824, of New York.

Societies and Publications: The following is a list of the societies and athletic teams maintained by the students: Philolexian Literary Society, Barnard Literary Association, Shakespeare Society, Columbia Musical Society, Banjo Club, Mandolin Club, Glee Club, Gun Club, Athletic Association, with track team, 'varsity eleven, 'varsity crew, 'varsity nine, lawn tennis club, freshmen crew, and freshmen baseball club. Chapters of the following fraternities have been organized: Φ B K, A Δ Φ, 1836; Ψ Υ, 1842; Δ Φ, 1842; X Ψ, 1846–1885; Δ Ψ, 1847; Φ K E, 1855–68; Φ Γ Δ, 1866; Φ K Ψ, 1872–1876; Δ K E, 1874; A Σ X, 1877–1878; Z Ψ, 1879; B Θ Π, 1881; Φ Δ Φ, 1881; A T Ω, 1881–1882; Δ T Δ, 1882–1888; Θ Δ X, 1883; Φ Δ Θ, 1884; Δ Υ, 1885, and Σ A E. The students issue "The Columbia Spectator," "The Morningside," "The Columbia Literary Monthly," and "The Columbia Medical News."

Officers of Instruction.

Seth Low, LL.D., President.

PROFESSORS.

John Howard Van Amringe, A.M., Ph.D., L.H.D., Mathematics.
Ogden N. Rood, A.M., Physics.
Thomas Egleston, Ph.D., LL.D., Mineralogy and Metallurgy.
Charles F. Chandler, Ph.D., M.D., LL.D., Chemistry.
John W. Burgess, A.M., Ph.D., LL.D., History, Political Science, and Constitutional Law.
Henry S. Munroe, E.M., Ph.D., Mining.
*Richmond Mayo-Smith, A.M., Ph.D., Political Economy and Social Science.
James W. McLane, M.D., Obstetrics.
William R. Ware, B.S., Architecture.
*Thomas R. Price, M.A., LL.D., English Language and Literature.
Frederick R. Hutton, A.M., E.M., Ph.D., Mechanical Engineering.
John Krom Rees, A.M., E.M., Ph.D., Astronomy.
Francis Delafield, M.D., LL.D., Medicine.
Munroe Smith, A.M., J.U.D., Roman Law, Comparative Jurisprudence.
John G. Curtis, M.D., Physiology.
Pierre de Peyster Ricketts, E.M., Ph.D., Analytical Chemistry and Assaying.
George M. Tuttle, M.D., Gynecology.
Frank J. Goodnow, LL.B., A.M., Administrative Law.
* Richard J. H. Gottheil, Ph.D., Rabbinical Literature and Semitic.
George L. Peabody, M.D., Materia Medica and Therapeutics.
Edwin R. A. Seligman, A.M., Ph.D., Political Economy and Finance.
*Harry Thurston Peck, A.M., Ph.D., L.H.D., Latin.
* Nicholas Murray Butler, A.M., Ph.D., Philosophy and Education.
William T. Bull, M.D., Surgery.
* William Henry Carpenter, Ph.D., Germanic Philology.
M. Allen Starr, M.D., Diseases of the Mind and Nervous System.
Alfred D. F. Hamlin, A.M., Architecture.
Alfred J. Moses, E.M., Ph.D., Mineralogy.
Charles E. Colby, E.M., C.E., Organic Chemistry.
Nathaniel L. Britton, Ph.D., Botany.
William A. Keener, LL.D., Law.

* Members of Barnard Faculty.

George S. Huntington, M.D., Anatomy.
* Herbert L. Osgood, A.M., Ph.D., History.
* James McK. Cattell, A.M., Ph.D., Psychology.
George M. Cumming, A.B., Law.
Francis M. Burdick, LL.D., Law.
George W. Kirchwey, A.B., Law.
John Bassett Moore, A.B., International Law and Diplomacy.
Henry F. Osborn, ScD., Zoölogy.
* Edward D. Perry, A.M., Ph.D., Greek.
Frank Dempster Sherman, Ph.B., Architecture.
William A. Dunning, Ph.D., History.
* A. V. Williams Jackson, A.M., Ph.D., Indo-Iranian Languages.
* Adolphe Cohn, LL.B., A.M., Romance Languages and Literatures.
George E. Woodberry, A.B., Lit.
Edmund B. Wilson, Ph.D., Invertebrate Zoölogy.
James F. Kemp, A.B., E.M., Geology.
Robert Peele, E.M., Mining.
William Hallock, A.B., Ph.D., Physics.
Brander Matthews, A.M., Lit.
Francis B. Crocker, E.M., Ph.D., Electrical Engineering.
Michael I. Pupin, Ph.D., Mechanics.
Robert F. Weir, M.D., Surgery.
T. Mitchell Prudden, M.D., Pathology and Bacteriology.
William H. Burr, C.E., Civil Eng.
Robert S. Woodward, C.E., Ph.D., Mechanics.
* Henry A. Todd, Ph.D., Romance Philology.
* George R. Carpenter, A.B., English.
* Franklin H. Giddings, A.M., Sociol.
Henry B. Starbuck, LL.B., Law.
George F. Canfield, LL.B., Law.
Thomas Scott Fiske, A.M., Ph.D., Mathematics.
Harold Jacoby, A.B., Astronomy.
* John B. Clark, Ph.D., Polit. Econ.
* James R. Wheeler, Ph.D., Greek.
* Frank N. Cole, Ph.D., Mathematics.
* James Harvey Robinson, Ph.D., His.
Frederic S. Lee, Ph.D., Physiology.
* James C. Egbert, Jr., A.M., Ph.D., Latin.
* James H. Hyslop, Ph.D., Logic, Ethics.
Henry W. Hardon, A.B., LL.D., Law.
E. A. McDowell, Music.
* Calvin Thomas, A.M., Germanic.

CLINICAL PROFESSORS AND LECTURERS.

William H. Draper, M.D., Clinical Medicine.
Abraham Jacobi, M.D., Diseases of Children.
George M. Lefferts, M.D., Laryngoscopy and Diseases of the Throat.
Charles McBurney, M.D., Clinical Surgery.
George H. Fox, M.D., Diseases of the Skin.
Albert H. Buck, M.D., Diseases of the Ear.
Herman Knapp, M.D., Ophthalmology.
Robert W. Taylor, M.D., Venereal Diseases.
Francis P. Kinnicutt, M.D., Clinical Medicine.
Virgil P. Gibney, M.D., Orthopedic Surgery.
J. West Roosevelt, M.D., Medicine.
Francis H. Markoe, M.D., Surgery.
Walter B. James, M.D., Medicine.
Andrew J. McCosh, M.D., Surgery.
John W. Brannan, M.D., Contagious Diseases.

DEMONSTRATORS.

Charles E. Pellew, E.M., Chemistry and Physics.
Bern B. Gallaudet, M.D., Anatomy and Surgery.
Frederick J. Brockway, M.D., Anatomy.
Joseph A. Blake, M.D., Anatomy.
George E. Brewer, M.D., Anatomy.
Ellsworth Eliot, Jr., M.D., Anatomy.
Lucius W. Hotchkiss, M.D., Anatomy.
Joseph A. Deghuée, Ph.D., Chemistry.
Douglas Ewell, M.D., Anatomy.
Howard D. Collins, M.D., Anatomy.
Richard H. Cunningham, M.D., Physiology.
Charles C. Carmalt, M.D., Anatomy.
Walton Martin, M.D., Anatomy.

INSTRUCTORS.

James S. C. Wells, Ph.D., Qualitative Analysis.
Alexis A. Julien, A.M., Ph.D., Microscopy and Micro-biology.
Ferdinand G. Wiechmann, Ph.D., Chemical Philosophy and Chemical Physics.
George C. Freeborn, M.D., Normal Histology.

Frank Hartley, M.D., Operative Surgery.
Ralph E. Mayer, C.E., Drawing.
Ira H. Woolson, E.M., Drawing.
Charles A. Harriman, Architectural Drawing.
*Carlo L. Speranza, A.M., Romance Languages and Literatures.
*Eugene H. Babbitt, A.B., Germanic Languages.
Bashford Dean, A.M., Ph.D., Biology.
Grenville T. Snelling, B.S., Architectural Engineering.
*Clarence H. Young, Ph.D., Greek.
Timothy M. Cheesman, M.D., Bacteriology.
*Livingston Farrand, A.B., M.D., Physiological Psychology.
George Francis Sever, Electrical Engineering.
*Benjamin Duryea Woodward, A.M., Ph.D., Romance Languages.
Andrew E. Foyé, C.E., Civil Eng.
Ira T. Van Gieson, M.D., Normal Histology.
Eugene Hodenpyl, M.D., Pathology.
*Nelson G. McCrea, A.M., Ph.D., Latin.
James Maclay, C.E., Mathematics.
Edward Leaming, M.D., Micro-Photography.
George L. Brodhead, M.D., Practical Obstetrics.

TUTORS.

Louis H. Laudy, Ph.D., General and Applied Chemistry.
Joseph Struthers, Ph.B., Ph.D., Metallurgy.
Reginald Gordon, A.B., Physics.
Henry C. Bowen, Quantitative Analysis.
Joseph C. Pfister, A.M., Mechanics.
Lea McI. Luquer, C.E., Ph.D., Mineralogy.
*Louis Marie Auguste Loiseaux, B.S., Romance Languages and Literatures.
William H. Freedman, C.E., E.E., Mechanics.
*Hermann T. Vulté, Ph.D., Chemistry.
Charles A. Hollick, Ph.B., Geology.
Herschel C. Parker, Ph.B., Physics.
James Ewing, M D., Normal Histology.
Edmund H. Miller, Ph.D., Analytical Chemistry and Assaying.
Gary N. Calkins, B.S., Biology.
*William T. Brewster, A.M., Rhetoric.
Gustave R. Tuska, M.S., C.E., Civil Engineering.
Ervin A. Tucker, M.D., Obstetrics and Gynecology.
Charles P. Warren, A.M., Architectural Construction.
Carlton C. Curtis, A.M., Ph.D., Botany.
Oliver S. Strong, Ph.D., Biology.
* J. Brace Chittenden, Ph.D., Math.
*John E. Hill, Ph.B., Mathematics.
Herman S. Davis, Ph.D., Astronomy.

ASSISTANTS.

John S. Ely, M.D., Pathology, and Curator of the Museum.
Alexander R. Cushman, Ph.D., Chem.
Asa S. Iglehart, A.B., Physics.
Herbert Percy Whitlock, C.E., Mineralogy.
Charles C. Trowbridge, B.S., Physics.
Henry S. Curtis, A.B., Physics.
Herbert T. Wade, A.B., Physics.
Luther E. Gregory, C.E., Mechanical Engineering.
Winfield Johnson, Ph.D., Toxicology.
Parker C. McIlhiney, Ph.B., A.M., Ph.D., Metallurgy.
Edwin M. Kitchel, M.D., Normal Histology.
Marston T. Bogert, A.B., Ph.B., Chem.
*Arthur M. Day, A.M., Political Economy and Social Science.
* Norman Wilde, Ph.D., Philosophy.
Thomas H. Harrington, C.E., Mechanical Engineering.
Adolph Black, C.E., Civil Engineering.
Theodore C. Janeway, Ph.B., Bacteriology.
Harrison G. Dyar, B.S., A.M., Bacteriology.
Frederick R. Bailey, M.D., Normal Histology.
Samuel A. Tucker, Chemistry.
Van Horne Norrie, M.D., Pathology.
George H. Ling, A.M., Mathematics.
George B. Germann, A.B., Math.
*George C. D. Odell, Ph.D., Rhetoric.
Nathan R. Harrington, A.M., Biology.
* Ralph C. Ringwalt, A.B., Rhetoric.
Halbert P. Gillette, E.M., Physics.
Henry E. Keys, Ph.D., Physics.
Charles T. Parker, M.D., Operative Surgery.
Clarke G. Voorhees, A.M., Assaying.

CURATORS.

Maximilian K. Kress, A.M., Architecture.
Gilbert van Ingen, Geological Collections.

John K. Small, A.B., Ph.D., Herbarium.

LECTURERS.

John Ordronaux, LL.D., Medical Jurisprudence.
Frederic Bancroft, Ph.D. American History.
William Z. Ripley, Ph.D., Physical Geography and Anthropology.
Herman J. Schmitz, A.M., Germanic Languages and Literatures.
George Louis Beer, A.M., European History.
David Bandler, A.B., LL.B., Law.
*Rev. Abraham Yohannan, Oriental Languages.
*Henry J. Burchell, Jr., A.M., Greek and Latin.
*Curtis Hidden Page, Ph.D., Romance Languages and Literatures.
*Harry A. Cushing, A.M., History.
Edmond Kelly, A.M., Political History of New York.
Herbert Noble, A.M., LL.B., Procedure in Equity and under the Code.
Ehrman Syme Nadal, A.B., A.M., Eng.
Dr. Franz Boas, Anthropology.

INSTRUCTORS AND ASSISTANTS AT VANDERBILT CLINIC.

Medicine.

Frank W. Jackson, M.D., Chief of Clinic.
George R. Lockwood, M.D.
William K. Draper, M.D.
Van Horne Norrie, M.D.
Angier B. Hobbs, M.D.

Surgery.

Ellsworth Eliot, M.D., Chief of Clinic.
Louis Irving Mason, M.D.
Edward M. Foote, M.D.
Joseph I. Higgins, M.D.
Forbes Hawkes, M.D.

Neurology.

Frederick Peterson, M.D., Chief of Clinic.
William H. Caswell, M.D.
Morton R. Peck, M.D.
Pearce Bailey, M.D.
Louis F. Bishop, M.D.
Charles E. Atwood, M.D.
Lewis A. Connor, M.D.
A. W. Ferris, M.D.
William B. Noyes, M.D.
Archibald Campbell, M.D.

Gynecology.

George W. Jarman, M.D., Chief of Clinic.
W. L. Stone, M.D.
B. W. Stiefel, M.D.
E. H. L. McGinnis, M.D.
Charles I. Proben, M.D.
John W. Kennedy, M.D.
E. P. Mallett, M.D.
W. B. Brinsmade, M.D.

Ophthalmology.

Charles H. May, M.D., Chief of Clinic.
John Herbert Claiborne, M.D.
Ward A. Holden, M.D.
Edward B. Coburn, M.D.
Henry H. Tyson, M.D.
Jackson M. Mills, M.D.
Alexander Duane, M.D.
Curtis B. Carter, M.D.

Laryngology.

D. Bryson Delavan, M.D., Chief of Clinic.
Christopher J. Colles, M.D.
George A. Richards, M.D.
William K. Simpson, M.D.
James P. McEvoy, M.D.
Edward W. Perkins, M.D.
John Haskell Billings, M.D.
Richard Frothingham, M.D.
Alphonso A. Richardson, M.D.
Charles W. Stewart, M.D.
Edmund W. Bill, M.D.

Otology.

William Cowen, M.D., Chief of Clinic.
Robert Lewis, M.D.
A. G. Terrell, M.D.
Marcus Kenyon, M.D.

Dermatology.

George T. Jackson, M.D., Chief of Clinic.
John Cabot, M.D.
Charles C. Ranson, M.D.
J. H. P. Hodgson, M.D.
John Aldrich, M.D.
Charles T. Dade, M.D.

Diseases of Children.

Francis Huber, M.D., Chief of Clinic.
Joseph Huber, M.D.
Fred. S. MacHale, M.D.
Louis M. Silver, M.D.
F. Bierhoff, M.D.

Genito-Urinary and Venereal Diseases.
James R. Hayden, M.D., Chief of Clinic.
Robert H. Greene, M.D.
William C. Gilley, M.D.
Edmond Y. Hill, M.D.
John Van der Poel, M.D.
John B. Stein, M.D.
E. L. Williamson, M.D.
J. C. P. Van Loan, M.D.
W. B. Brouner, M.D.
J. E. Shrady, M.D.

EMERITUS PROFESSORS.

Henry Drisler, LL.D., Greek.
Rev. Cornelius R. Duffie, S.T.D., Chaplain.
Thomas M. Markoe, M.D., Surgery.
T. Gaillard Thomas, M.D., Obstetrics and Gynecology.
John T. Metcalfe, M.D., Clinical Medicine.
Edward Curtis, M.D., Materia Medica and Therapeutics.
Fessenden N. Otis, M.D., Genito-Urinary Diseases.
John D. Quackenbos, A.M., M.D., Rhetoric.

OTHER OFFICERS.

George R. Van de Water, D.D., Chaplain.
George William Warren, Music, and Organist.
Charles Alexander Nelson, A.M., Deputy Librarian.
Edwin B. Cragin, M.D., Secretary of Faculty of Medicine.
John F. Plummer, Jr., A.B., Assistant Secretary of the University.

COLUMBIAN UNIVERSITY.

Washington, D. C. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$68,821	1069	142	3	11,000

History and Organization: The original act of incorporation was in 1821. In 1873 the present name was adopted. There are eleven overseers and seventeen trustees. The university consists of the Columbian College, with scientific, summer, graduate, law, medical, and dental schools, the University Extension, and the Columbian Academy. The endowment is $1,000,000. A school of corporate jurisprudence is to be added at a cost of $250,000.

Admission, Degrees, and Study: Examinations for admission are in writing. Appropriate degrees are conferred by all the schools, and degrees of Ph.B. and LL.D. are given by the Graduate Faculty. Honorary degrees are rarely given. The college year is from September 20 to June 10.

Dues, Scholarships, and Prizes: The college admission is $10, and a yearly tuition from $50 to $100. Other expenses are from $20 to $35 per month, $90 in the scientific school, $80 in the law school, $75 in the medical school, and $100 in the dental school per year. There are seven gold medals given yearly, five prizes of from $20 to $100 in the law school, and six prizes in the medical school.

College Adjuncts: There is the Enosinian Society for debate and composition in the college, a moot court and court of appeals in the law school, as well as a debating society. The following fraternities have established chapters at the university: Σ A E, 1859–1869; Σ X, 1864–1878; Φ K Ψ, 1868; A T Ω, 1874; Φ Δ Φ, 1884; Π B Φ, 1889.

By special agreement the resources of some twenty national scientific societies, besides the libraries and museums of Washington, have been made available for students.

Faculty.

Benaiah L. Whitman, A.M., D.D., President.
Cleveland Abbe, Ph.D., LL.D., Meteorology.
Cleveland Abbe, Jr., A.B., Physiography.
George N. Acker, A.M., M.D., Medicine.
Louis Amateis, Architecture.
Frank Lloyd Averill, C.E., Engineering Field-work.
Frank Hagar Bigelow, A.M., Solar Physics.
Henry Carrington Bolton, Ph.D., History of Chemistry.
J. Wesley Bovée, A.M., M.D., Gynecology.
Andrew Coyle Bradley, LL.B., Criminal Law, Pleading and Practice.
David J. Brewer, LL.D., Law of Corporations.
Glenn Brown, Sanitary Engineering.
William K. Butler, A.M., M.D., Ophthalmology.
Benjamin Butterworth, LL.B., Law of Patents.
William P. Carr, M.D., Physiology.
James Carroll, M.D., Demonstrator of Pathology.
George Vose Chandler, B.S., Mineralogy.
Melville Church, Law of Patents.
James Robb Church, M.D., Demonstrator of Anatomy.
Thomas Marean Chatard, Ph.D., Chemical Engineering.
William Lathim Clark, D.D.S., Demonstrator of Dentistry.
Frank Wigglesworth Clarke, B.S., Mineral Chemistry.
T. A. Claytor, M.D., Theory and Practice of Medicine.
C. Wythe Cook, M.D., Medicine.
Walter S. Cox, LL.D., Law of Real Property, etc.
Andrew Fuller Craven, LL.B., Ph.D., Economics.
Edward Y. Davidson, M.D., Demonstrator of Anatomy.
Henry Edgar Davis, LL.M., History of Law.
Robert B. Donaldson, D.D.S., Operator in Dentistry.
Williams Donnally, D.D.S., Operator in Dentistry.
James H. Eckels, Finance.
George Henry Emmott, LL.M., Civil Law.
Edward Farquhar, Ph.D., History and English.
Elmer S. Farwell, C.E., Mechanical Engineering.
Francis Renatus Fava, Jr., C.E., Civil Engineering.
Peter Fireman, Ph.D., Chemistry.
Worthington C. Ford, Statistics.
Felix Freyhold, C.E., Iron and Steel Construction.
Thomas J. T. Fuller, B.S., Architecture.
Edgar Frisby, A.M., Astronomy.
Alfredo Victor Gana, Ph.B., Drawing.
Theodore Nicholas Gill, M.D., Ph.D., LL.D., Zoölogy.
L. W. Glazebrook, M.D., Clinical Medicine.
James Howard Gore, Ph.D., Mathematics and Geodesy.
Adolphus Washington Greely, Geography.
Robert E. L. Hackney, D.D.S., Demonstrator of Dentistry.
Jonathan R. Hagan, D.D.S., Oral Surgery.
Walter Scott Harban, D.D.S., Operator in Dentistry.
John Marshall Harlan, LL.D., Constitutional Jurisprudence of U.S., etc.
William T. Harris, Ph.D., LL.D., Philosophy.
George Byrd Harrison, M.D., Pædiatrics and Medicine.
William Perry Hay, A.M., Zoölogy.
George B. Heinecke, M.D., Anatomy.
George Neely Henning, A.B., French, German, and History.
Harry Grant Hodgkins, Ph.D., Mathematics.
Charles J. Hopkins, M.D., Anatomy.
J. C. Hornblower, Architecture.
Louis C. F. Hugo, D.D.S., Dentistry.
Presley C. Hunt, M.D., Anatomy.

Adoniram Judson Huntington, M.,A., D.D., Greek.
Virgil B. Jackson, M.D., Anatomy.
Philip Jaisohn, M.D., Bacteriology.
John Scott Johnson, A.M., Applied Mathematics.
Henry L. E. Johnson, M. D., Gynecology.
Veranus Alva Moore, A.B., M.D., Normal Histology.
Francis P. Morgan, M.D., Pharmacology.
Edward E. Morse, M.D., Obstetrics.
Edward Adams Muir, Machine Drawing.
Charles Edward Munroe, Ph.D., Chemistry.
Charles W. Needham, Esq., Law.
Harry F. Newcomb, LL.M., Statistics.
Henry B. Noble, Sr., D.D.S., Dentistry.
Rupert Norton, M.D., Normal Histology.
William Ordway Partridge, Fine Arts.
Albert Clark Patterson, Mental Diseases.
W. F. R. Phillips, M.D., Hygiene, etc.
Josiah Pierce, Jr., A.M., Drawing and Applied Geometry.
Minott E. Porter, B.S., Geography.
John Wesley Powell, A.M., LL.D., History of Culture.
Daniel Webster Prentiss, A.M., M.D., Materia Medica and Therapeutics.
Henry Rogers Pyne, A.M., Greek and Latin.
Marathon Montrose Ramsey, A.M., Romance Languages.
Walter Reed, M.D., Pathology and Bacteriology.
Charles Russell Rice, D.D.S., Dentistry.
Herbert Louis Rice, M.S., Astronomy.
Charles Williamson Richardson, M.D., Laryngology.
Powhattan W. Robertson, Accounting.
Sterling Ruffin, M.D., Medical Jurisprudence, etc.
Hermann Schoenfeld, Ph.D., German and Continental History.
E. A. de Schweinitz, Ph.D., M.D., Chemistry and Toxicology.
J. Foster Scott, M.D., Obstetrics.
Walter Alfred Low, D.D.S., Dentistry.
Thomas E. McArdle, A.M., M.D., Minor Surgery.
Oscar A. M. Mckimmie, M.D., Examiner of Applicants for Medical School.
Charles Everett McNabb, LL.M., Business Law.
Robert H. Martin, Esq., Secretary and Treasurer.
Charles Frederick Marvin, M.E., Meteorology.
Otis Tufton Mason, Ph.D., Anthropology.
William F. Mattingly, Esq., Practical Commercial Law.
William A. Maury, LL.D., Equity, Jurisprudence, etc.
George P. Merrill, Ph.D., Geology and Mineralogy.
Emil H. Meyer, Drawing.
Joseph S. Mills, A.M., Qualitative Analysis.
Andrew Philip Montague, Ph.D., Latin.
Lincoln Johnson, M.D., Anatomy.
William G. Johnson, LL.M., Legal Catechetics, etc.
William W. Johnston, M.D., Clinics.
Thomas H. Kearney, Botany.
James Kerr, M.D., Surgery.
Albert Freeman Africanus King, A.M., M.D., Obstetrics, etc.
Harry King, LL.B., Drawing.
Alfred Klakring, Topographic Drawing.
F. Lamson-Scribner, B.Sc., Botany.
Frank Leech, M.D., Minor Surgery and Anatomy.
James Hall Lewis, D.D.S., Prosthetic Dentistry.
Nathan Smith Lincoln, A.M., LL.D., M.D., Surgery.
Lee Davis Lodge, Ph.D., Political Philosophy.
Edward G. Seibert, M.D., Chemistry.
Charles Tilden Sempers, A.M., Eng.
Henry Simpson, Architecture.
Alexander R. Shands, M.D., Orthopedic Surgery.
D. Kerfoot Shute, A.B., M.D., Anatomy.
Samuel Moore Shute, A.M., D.D., English.
J. Curtis Smithe, D.D.S., Dentistry.
George J. Smith, LL.M., Ph.D., English.
Antonio Maria Soteldo, A.B., LL.D., Spanish.
Timothy W. Stanton, A.M., Geology.

Paul A. Steele, Commercial Law.
James McBride Sterrett, A.M., D.D., Intellectual and Moral Philosophy.
Perly Egbert Stevens, C.E., Applied Mathematics.
James Stuart, M.D., Anatomy.
Henry Clay Thompson, D.D.S., Operative Dentistry.
J. Ford Thompson, M.D., Surgery.
Ernest Lawton Thurston, C.E., Drawing.
Edmund Lee Tompkins, M.D., Nervous Diseases, etc.
William H. Trail, D.D.S., Dentistry.
John Van Rensselaer, A.B., M.D., Surgical Pathology, etc.
Lester F. Ward, Ph.D., Sociology.
William S. Washburn, M.D., Normal Histology.
John R. Wellington, A.M., M.D., Minor Surgery, etc.
Cabell Whitehead, B.M., Assaying.
William Allen Wilbur, A.M., Latin and English.
Harvey Washington Wiley, Ph,D., M.D., Agricultural Chemistry.
William Lynne Wilson, A B., LL.D., American Economic Legislation.
William Crawford Winlock, A.B., Astronomy.
Frank A. Wolff, Ph.D., Physics.
W. M. Wooster, M.D., Demonstrator of Anatomy.
Carroll D. Wright, LL.D., Social Statistics.
Henry Ciecy Yarrow, M.D., Dermatology.
Hans Zopke, Mechanical Engineering.

CONCORDIA COLLEGE.

Fort Wayne, Ind. *Men.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
——	153	8	——	3,600

The college was founded in 1839. The expenses for the year are $115. The graduates number nearly 700, the oldest of whom is the Rev. C H. Loeber, 1846, of Brooklyn, N. Y. The president is Jos. Schmitt, A.M.

(*Further information lacking.*)

COOPER-HUDDLESTON COLLEGE.

Daleville, Miss. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,500	130	6	——	4,500

Hunt and Huddleston College was founded in 1865, but in recent years was united with the Cooper Normal College and removed to Daleville. The expenses for the year are $150. The graduates number 160, of whom 150 are living. The oldest of these is the Rev. R. G. Pearson, A.M., 1875, of North Carolina. The president is C. A. Huddleston, A.M.

(*Further information lacking.*)

CORNELL COLLEGE.

Mt. Vernon, Ia. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$23,871	562	29	5	30,500

The college was founded in 1857 by Rev. G. B. Bowman. The first presidents were Rev. R. W. Keeler, 1857–1859, and Rev. Samuel M. Fellows, 1859–1863. In 1882 the quarter-century of the college was celebrated. The institution is governed by thirty trustees. The courses are classical, philosophical, scientific, and civil engineering, all of which lead to bachelor's degrees. Attendance at chapel and drill are compulsory. There are ten scholarships, four of which are for women. For needy ministerial students the income of $10,000 is given. The college grounds cover seventy acres, twenty of which are used for an athletic field.

The students maintain seven literary societies in the college and three in the academy, an engineering society, the ministerial club, an athletic association, and a glee club. The following fraternities had chapters: Φ K Ψ, 1868–1872; Σ N, 1888–1890.

Faculty.

Rev. William F. King, President, Moral Philosophy.
James E. Harlan, Vice-President, Mathematics.
Alonzo Collin, Physics and Chemistry.
Rev. Hugh Boyd, Latin.
Hamline H. Freer, Teaching and Political Economy.
Sylvester N. Williams, Civil and Sanitary Engineering.
William Harmon Norton, Geology.
George O. Curme, German.
William B. Van Valkenburg, Conservatory of Music.
Charles A. Cumming, Art School.
Lieut. Charles L. Phillips, Military Tactics.
William Stahl Ebersole, Greek, and Secretary.
James A. James, History and Science of Government.
Harry M. Kelly, Biology.
Rev. Thomas Nicholson, Logic and Bible.
Florence Louise Mitchell, English.
Mary Burr Norton, Mathematics.
Edward R. Ristine, Principal of Commercial School.
Laura F. Ristine, Shorthand and Typewriting.
Sarah Andrews Hackett, Director of the School of Oratory.
Margaret Richie Wiseman, French.
Jessie Carlotta Mack, Voice Culture.
Maud Wilson, Piano.
Frances C. Hoadley, Elocution and Physical Culture.
Judson W. Mather, Instrumental Music and Harmony.
Mary Edith Love, Mathematics and English.
Mary E. Marshall, Piano.
Mary Elizabeth Smith, Mathematics and Natural Science.
Ernestine Cotton, Voice Culture and History of Music.
Gertrude M. Potwin, Violin and History of Music.
Julia E. King, Art.
May Lavinia Fairbanks, Librarian.

CORNELL UNIVERSITY.

Ithaca, N. Y. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$515,412	1,654	167	20	173,793

History and Endowment: Cornell University was incorporated by the legislature of the State of New York April 27, 1865, and opened October 7, 1868. The existence of the university is due to the combined bounty of the United States, the State of New York, and Ezra Cornell. By an Act of Congress of July, 1862, it was provided that there should be granted to the several States public lands, the proceeds of which should be used for the endowment and maintenance of at least one college. The share of the State of New York was 990,000 acres. By a union of the money realized for this land and the resources of Ezra Cornell, Cornell University was founded. Ezra Cornell's wish was to found an institution where any person could find instruction in any study; while the State stipulated that the college should be strictly non-sectarian, and that it should annually receive from each assembly district of the State one student free of charge. Ezra Cornell's first gift was $500,000 with two hundred acres of land. Later he purchased all that remained of the land scrip for $50,000, upon the condition that all the profits that should accrue from the sale of lands in the future should be paid to Cornell University. His terms were accepted in 1866, and the absolute ownership by the university of the endowment fund was established in 1890 by a decision of the Supreme Court of the United States. The college land scrip fund amounts to $688,576.

The first college buildings were built by the students. Women were admitted, and a large dormitory known as Sage College erected for them, in 1872. There are no other dormitory buildings on the campus proper, the situation of which, on a plateau between two waterfalls, overlooking Cayuga Lake and the settled valley at its head, is unique. In 189c, after a long lawsuit, the large property left to the university by Mrs. Jenny McGraw Fiske was withheld from it by a ruling of the Supreme Court of the United States. To make up for this, Henry W. Sage, a previous benefactor of Cornell, gave $560,000 for the cost and endowment of the new university library. In 1891 the fees for tuition were raised. In 1896 an expedition was sent to Greenland under Professor Tarr to make geological observations. The presidents have been Andrew D. White, 1865–1885; Charles K. Adams 1885–1890; Jacob G. Schurman, 1890 till present.

Organization: The university is governed by thirty-five trustees, fifteen of whom are elected by the alumni. They are organized in an executive committee and in seven standing committees.

Admission, Instruction, and Degrees: Candidates for admission must be at least sixteen years of age, and if women, seventeen. Examinations in all the subjects required for admission are held twice a year, at Ithaca only. No candidate markedly deficient in English is admitted

to any course in the university. Candidates with diplomas from the regents of New York are accepted without examination. Certificates from specified schools are also accepted in lieu of an examination, but no school certificate will be accepted in place of the entrance examination in English. Students of at least twenty-one years may be admitted as special students without examination, except in the department of architecture. Degrees of B.A., B.S.A., C.E., and M.E. are conferred after at least one hundred and eighty weekly term hours of credited attendance at recitations and lectures. All studies of the first two years are obligatory, as is military drill; but in the junior and senior years all studies, other than that of military science during the first term, are elective. The Faculty has decided after 1897, when severer conditions of admission go into force, to permit freedom of election, except in the matter of drill and physical training, to all candidates for the degree of B.A., doing away with the general courses in philosophy, letters, and science. The master's degree is given in arts [philosophy, letters, science], architecture, civil engineering, mechanical engineering, agriculture, and veterinary science. The doctor's degree is conferred in philosophy [and science] after two years of graduate study. The architectural department has been organized as a college. The college year lasts from September 23 to June 18. There is also a short summer course of study, open to undergraduate students and others.

Tuition, Scholarships, and Prizes: Tuition is $100 a year in the school of law, in the medical preparatory course, and in the course in arts [philosophy, letters, and science] for both graduates and undergraduates. Special students pay $125. Students in engineering pay $5 for extra expenses, and a fee of $5 has to be paid for each diploma. The yearly expenses are estimated at from $325 to $500.

Under the law of the State the Superintendent of Public Instruction is empowered to award annually a number of free scholarships equal to the number of assembly districts in this State (128). In addition to this eighteen scholarships of $200 each are thrown open each year for competing candidates. Eighteen further scholarships of $200 each become available every other year. There are twelve university fellowships of an annual value of $500 each, and one fellowship in modern history yielding $600. In the Susan Linn Sage School of Philosophy there are six graduate scholarships of $300 each, and ten further graduate scholarships yielding the same income have been distributed among ten departments. There is an annual prize of a $100 gold medal for oratory, a $30 prize for declamation, two $10 and $20 prizes for veterinary, a $100 prize in mechanic arts, and a $60 prize for Shakespeare study. Medals of gold and silver are offered for good work in civil engineering and American history.

College Publications and Societies: Learned publications. President J. G. Schurman is editor of "The Philosophic Review;" Prof. H. Morse Stephens is co-editor of "The American Historical Review;" Professors Wheeler, Bennett, Bristol, Emerson, and Elmer edit "Cornell Studies in Classical Philology;" Professors Trevor and Bancroft publish and edit "The Journal of Physical Chemistry;" Professor Baily edits the "Bulletin of the Agricultural Experiment

Station;" Professor Fuertes, the crop and other reports of the State; Professor Harris edits and publishes a palæontological bulletin. The students publish the "Cornellian," an annual; the "Cornell Magazine," a monthly; the "Era," a weekly; the "Daily Sun," also the "Sibley College Journal of Mechanical Engineering."

Cornell students form one company of the New York National Guard. There are three debating societies, two Christian Associations, an ethical club, the Savage Club, a dramatic club, a self-government association, a civil service reform club, and an athletic association, embracing a football eleven, baseball nine, track team, several crews, and a canoe club. Chapters of the following fraternities, most of which own houses of their own, have been established at Cornell University: Φ B K, Σ Ξ, 1886; Z Ψ, 1869; X Φ, K A, 1868; X Ψ, Φ K Ψ, Δ Υ, 1869; Δ K E, Δ X, A Δ Φ, Θ Δ X, 1870; Φ Δ Θ, 1872; A Σ X, B Θ Π, 1874; Ψ Υ, 1876; K A Θ, 1881; K K Γ, 1883; Δ Γ, 1885; A T Ω, 1887; Φ Δ Φ, 1888; Φ T Υ, 1888–1889; Φ Γ Δ, 1888; Φ Σ K, A Φ, A Z, 1889; Δ T Δ, and Σ X, 1890.

Faculty.

Jacob Gould Schurman, A.M., D.Sc., LL.D., President, Moral Philosophy.

Rev. William Dexter Wilson, D.D., LL.D., L.H.D., Moral and Intellectual Philosophy, Emeritus.

Goldwin Smith, D.C.L., LL.D., English History, Emeritus.

George Chapman Caldwell, B.S., Ph.D., General and Agricultural Chemistry.

Burt Green Wilder, B.S., M.D., Physiology, Vertebrate Zoölogy, and Neurology.

James Law, F.R.C.V.S., Veterinary Medicine and Surgery.

Albert Nelson Prentiss, M.S., Botany, Horticulture, and Arboriculture.

John Lewis Morris, A.M., C.E., Mechanics and Machine Construction.

Thomas Frederick Crane, A.M., Romance Languages and Literatures.

Hiram Corson, A.M., LL.D., English Literature.

Waterman Thomas Hewett, A.B., Ph.D., German Language and Literature.

Rev. Charles Babcock, A.M., Architecture.

Estevan Antonio Fuertes, M.A.S.C.E., Civil Engineering.

Isaac Phillips Roberts, M.Agr., Agriculture.

Horatio Stevens White, A.B., Dean, German Language and Literature.

John Henry Comstock, B.S., Entomology and General Invertebrate Zoölogy.

Samuel Gardner Williams, A.B., Ph.D., Science and Art of Teaching.

Rev. Moses Coit Tyler, A.M., L.H.D., American History.

Robert Henry Thurston, C.E., Ph.B., A.M., LL.D., Dr.En'g, Mechanical Engineering.

Benjamin Ide Wheeler, A.B., Ph.D., Greek and Comparative Philology.

Edward Leamington Nichols, B.S., Ph.D., Physics.

Liberty Hyde Bailey, M.S., General and Experimental Horticulture.

Edward Hitchcock, Jr., A.M., M.D., Physical Culture and Hygiene, and Director of the Gymnasium.

James Morgan Hart, A.M., J.U.D., Rhetoric and English Philology.

Rev. Charles Mellen Tyler, A.M., D.D., History and Christian Ethics.

Jeremiah Whipple Jenks, A.M., Ph.D., Political Economy.

Lucien Augustus Wait, A.B., Mathematics.

Irving Porter Church, C.E., Applied Mechanics and Hydraulics.

George Lincoln Burr, A.B., Ancient and Mediæval History.

Charles Edwin Bennett, A.B., Latin.

George Bell, Jr., LL.B., First Lieut. 3d Infantry, U. S. A., Military Science and Tactics.

Ernest Wilson Huffcut, B.S., LL.B., Law.
Judge Francis M. Finch, History and Evolution, Dean of School of Law.
Henry Morse Stephens, M.A., Modern European History.
Cuthbert Winfred Pound, Law.
Simon Henry Gage, B.S., Anatomy, Histology, and Embryology.
Rolla Clinton Carpenter, M.S., C.E., M.M.E., Experimental Engineering.
Charles Lee Crandall, C.E., Civil Engineering.
George William Jones, A.M., Math.
James Edward Creighton, Ph.D., Modern Philosophy.
Harris Joseph Ryan, M.E., Electrical Engineering.
William Frederick Durand, Ph.D., Marine Engineering and Naval Architecture.
Edward Bradford Titchener, A.M., Ph.D., Psychology.
William Albert Finch, A.B., Law.
Edwin Hamlin Woodruff, LL.B., Law.
Louis Dyer, M.A., Greek.
Edwin Chase Cleaves, B.S., Freehand Drawing and Mechanical Drawing.
George Prentice Bristol, A.M., Greek.
Alfred Emerson, Ph.D., Classical Archæology, and Curator of the Museum of Casts.
Charles Francis Osborne, Architecture.
George Francis Atkinson, Ph.B., Botany.
Henry Sylvester Jacoby, C.E., Civil Engineering.
Louis Munroe Dennis, Ph.B., B.S., Analytical Chemistry.
Walter Francis Willcox, LL.B., Ph.D., Social Science and Statistics, and Secretary of the Faculty.
John Henry Barr, M.S., M.M.E., Mechanical Engineering.
George Sylvanus Moler, A.B., B.M.E., Physics.
Herbert Charles Elmer, A.B., Ph.D., Latin.
Harvey Daniel Williams, M.E., Mechanical Drawing.
James McMahon, A.M., Mathematics.
William Ridgely Orndorff, A.B., Ph.D., Organic Chemistry.
Henry Hiram Wing, M.S., Animal Industry and Dairy Husbandry.
Fred Putnam Spalding, C.E., M.A.S.C.E., Civil Engineering.
William Alexander Hammond, A.M., Ph.D., Ancient and Mediæval Philosophy.
George Robert McDermott, Naval Architecture.
Ernest George Merritt, M.E., Physics.
Joseph Ellis Trevor, Ph.D., General Chemistry and Physical Chemistry.
Ralph Stockman Tarr, B.S., Dynamic Geology and Physical Geography.
Willard Winfield Rowlee, B.L., D.Sc., Botany.
Charles Henry Hull, Ph.D., Political Economy.
Duncan Campbell Lee, A.M., Elocution and Oratory.
Frederick Bedell, Ph.D., Physics.
Gilbert Dennison Harris, Ph.B., Palæontology.
Adam Capen Gill, Ph.D., Mineralogy and Petrography.
John Henry Tanner, B.S., Mathematics.
Clarence Augustine Martin, Architecture.
George Wesley Johnston, A. B., Ph.D., Latin.
Ernst Ritter, Ph.D., Mathematics.
Wilder Dwight Bancroft, A. B., Ph.D., Chemistry.

INSTRUCTORS AND ASSISTANTS.

Hiram Samuel Gutsell, B.P., A.M., Drawing and Industrial Art.
Grant Sherman Hopkins, D.Sc., Physiology and Vertebrate Zoölogy.
George Burton Preston, M.E., Experimental Engineering.
Emile Monnin Chamot, B.S., Analytical Chemistry.
Charles Worthington Comstock, Met.E., M.C.E., Civil Engineering.
Ernest Gustavus Lodeman, M.S., Horticulture.
Homer James Hotchkiss, B S., C.E., A.B., Physics.
William Strunk, Jr., A.B., English.
John S. Reid, Mechanical Drawing and Designing.
Frederick John Rogers, M.S., Physics.
George Harley McKnight, A.B., English.
Irwin John Macomber, M.E., Electrical Engineering.
Paul Louis Saurel, B.S., Mathematics.
Ernest Albee, A.B., Ph.D., Philosophy.

Fred Douglass Smith, B.S., Analytical Chemistry.
Henry Hayden Lannigan, Gymnastics.
Christopher Henry Bierbaum, M.E., Experimental Engineering.
Alfred Henry Eldredge, M.E., Mechanical Laboratory.
Homer James Edmiston, A.B., Latin.
William Elton Mott, S.B., Civil Engineering.
Constant Pierre Vergauven, B.L., D.Sc., French.
Frederic Lawrence Kortright, D Sc., Chemistry.
Victor Tyson Wilson, Drawing.
Howard Parker Jones, A.M., Ph.D., German.
David Reid, Drawing and Designing.
Hans Ludwig Wenceslas Otto, French.
Ferdinand Canning Scott Schiller, M.A., Philosophy.
Clement D. Child, A.B., Physics.
Charles Edward Timmerman, B.S., M.M.E., Physics.
John Sanford Shearer, B.S., Physics.
Daniel Alexander Murray, Ph.D., Mathematics.
Joseph Allen, A.M., Mathematics.
Henry Neely Ogden, C.E., Civil Engineering.
Lewis Leaming Forman, Ph.D., Greek.
Ellen Brainard Canfield, Physical Culture at Sage College.
Charles Edwin Houghton, A.B., M.M.E., Experimental Engineer'g.
John Irwin Hutchinson, A.B., Math.
Edward DuBois Shurter, Ph.B., Elocution and Oratory.
Charles Jesse Bullock, Ph.D., Political Economy.
Frank Emil Lodeman, A.M., Ph.D., French.
Virgil Snyder, D.Sc., Mathematics.
Henry Henderson Denham, B.S., Chemistry.
William Kendrict Hatt, A.B., C.E., Civil Engineering.
John Fillmore Hayford, C.E., Civil Engineering.
Edward Thomas Adams, M.E., Drawing.
Olaf M. Brauner, Industrial Art.
Bert Brenette Stroud, D.Sc., Physiology, Vertebrate Zoölogy, and Neurology.
Reginald Horton Keays, C.E., Civil Engineering.
John Thomas Parson, Civil Engin'g.
Clayton L. Stanton, Mechanic Arts.
Fred Clarkson Fowler, Physics.
James Wiseman, Machine Shop and Construction.
Richard Hiscock, Steam Engineering.
Robert Shore, Botany and Head Gardener.
William Henry Wood, Woodshop.
James Wheat Granger, Forging.
James Eugene Vanderhoef, Foundry.
George W. Tailby, Farm.
William Orland Stubbs, Civil Engineering.
Alexander Dyer MacGillivray, Entomology.
George Conger Pollay, Woodshop.
Robert Vanderhoef, Foundry.
William Frederick Raymond, Mechanician.
William Frederic Head, Forging.
Blin Sill Cushman, B.S., Chemistry.
William Tobey Van Buskirk, B.S., Chemistry.
Frank Starkins, Machine Shop.
Clayton Halsey Sharp, A.B., Ph.D., Physics.
George Platt Knox, B.S., Chemistry.
Karl McKay Wiegand, B.S., Botany.
Clark Sutherland Northup, A.B., English.
Charles Jacob Sembower, A.B., English.
Walter Bowers Pillsbury, A.B., Philosophy.
Darwin Abbot Morton, B.S., Chemistry.
Elias Judah Durand, A.B., D.Sc., Botany.
Jay Allan Bonsteel, Geology.
David Irons, A.M., Ph.D., Philosophy.
Mortimer Alexander Federspiel, Ph.B., Ph.D., American History.
Alonzo Whitlock, Lineman.
Herbert Crombie Howe, B.L., English.
Arthur Lynn Andrews, M.L., English.
Oliver Shantz, M.E., Experimental Engineering.

OTHER OFFICERS.

Emmons Levi Williams, Treasurer.
Charles Baker Mandeville, B.S., Treasurer.
Horace Mack, Treasurer in the Land Office.

Thomas Tree, Assistant Treasurer.
Mrs. Ellen Kelley Hooker, Principal of Sage College.
Edward Payson Gilbert, Manager of Sage College.
David Fletcher Hoy, M.S., Registrar.
Fred Stephen Crum, M.L., Assistant Registrar.
Herbert Crombie Howe, B.L., President's Secretary.
Jacob Peters, Superintendent of Buildings and Grounds.
William C. Dean, Superintendent of Heating and Water Service.

LIBRARY STAFF.

George William Harris, Ph.B., Librarian.
Andrew Curtis White, Ph.D., Librarian in charge of Classification.
Willard Henry Austin, Librarian in charge of Reference Library.
Mary Fowler, B.S., Cataloguer in the Library.
Emma Avalyn Runner, B.S., Cataloguer Zarncke Library.
Leon Nelson Nichols, B.L., Reference Library.
Mary Ellen Griswold, B.L., Order Department.
Jennie Thornburg, B.L., Accession Department.
George Lincoln Burr, A.B., Librarian President White Library.
Alexander Hugh Ross Fraser, LL.B., Librarian Law Library.
William Mosher Gould, Law Library.
Horace Shaffer Potter, Law Library.

AGRICULTURAL CORPS.

Isaac Phillips Roberts, M.Agr., Director and Agriculturist.
Henry Hiram Wing, M.S., Animal Industry and Dairy Husbandry.
George Chapman Caldwell, B.S., Ph.D., Chemist.
James Law, F.R.C.V.S., Veterinarian.
Albert Nelson Prentiss, M.S., Botanist and Arboriculturist.
John Henry Comstock, B.S., Entomologist and Invertebrate Zoölogist.
Liberty Hyde Bailey, M.S., Horticulturist.
Simon Henry Gage, B.S., Anatomist.
George Francis Atkinson, Ph.B., Cryptogamic Botanist.
Mark Vernon Slingerland, B.S., Entomologist.
George Walter Cavanaugh, Chemist.
Ernest Gustavus Lodeman, M.S., Horticulturist.
Elias Judah Durand, A.B., D.Sc., Cryptogamic Botanist.
Hoxie Wilbur Smith, B.S., Clerk.

COTNER UNIVERSITY.

Lincoln, Neb. *Co-Educational.* *Christian.*

Income.	Students,	Instructors,	Buildings,	Books,
	343	32	2	1,000

The university was founded in 1889. It is governed by twelve trustees. Degrees of B.A. and B.S. are conferred. The regular courses are commercial, medical, biblical, musical, and in art, and there is a preparatory course and a summer school. The college grounds cover twenty acres. Two literary societies are maintained by the students.

Faculty.

David R. Dungan, A.M., LL.D., Chancellor, Mental and Moral Phil.
William P. Aylsworth, A.M., Hebrew and Sacred Literature.
James A. Beattie, A.M., Mathematics and Astronomy.
Martin Osterholm, A.M., Modern Languages.
Joseph F. Woolery, A.M., Ancient Languages.
N. A. Stull, A.M., Natural Sciences, Medical Chemistry, and Toxicology.

Nora Madden, A.M., English.
G. H. Walters, Commercial Department.
Kathleen G. Hearn, A.B., Latin.
James M. Howie, B.S., Mathematics.
E. D. Harris, M.S., Principal Bennet Academy.
George E. Jones, A.B., Bennet Acad.
W. S. Latta, M.D., Pathology and Medicine.
O. C. Reynolds, M.D., Surgery.
B. J. Alexander, M.D., Obstetrics and Gynecology.
Milton P. Guy, M.D., Anatomy.
Herschel B. Cummins, M.D., Physiology, Histology, and Hygiene.
R. L. Bentley, M.D., Diseases of Children.
P. R. Madden, M.D., Ophthalmology.
J. S. Eaton, M.D., Diseases of Mind and Nervous System.
J. L. Mack, LL.B., Medical Jurisprudence.
Herman H. Schultz, M.D., Physiology.
F. L. Wilmeth, M.D., Pathology and Medicine.
Wallace C. Davis, B.S., D.D.S., Dental Surgery.
B. J. Alexander, M.D., Anatomy.
May Z. Hughes, A.B., Instrumental Music.
Nellie Painter, Elocution.
H. T. Sutton, A.B., Oratory.
Lulu Murphy, Art.
George H. Walters, Vocal Music.
Grace Barrow, Music.
S. M. Haughey, Shorthand and Typewriting.

CREIGHTON UNIVERSITY.

Omaha, Neb. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	220	37	7	9,000

Edward Creighton, the founder, for the purpose of establishing a free institution of learning, left $100,000, which was laid in the hands of the Catholic bishop by his widow. In 1879 the fund had risen to $147,000. With this the university was begun. Since that time $100,000 more has been spent on buildings and equipment. Tuition is free. Degrees of B.A., B.S., B.Ph., Ph.D., and professional degrees are conferred. The grounds cover six acres. The students maintain a religious sodality, a debating society, an athletic association, a glee club, and there is also an alumni association. The academic year, of one term, lasts from the first Monday in September to the last week in June.

Faculty.

Rev. John Pahls, S.J., President.
Rev. John B. De Shryver, S.J., Vice-President, Elocution.
J. M. Aikin, M.D., Dis. of Children.
Rev. Peter Boyce, S.J., Chaplain.
D. C. Bryant, A.M., M.D., Ophthalmology and Otology.
H. Leslie Burrell, M.D., Rhinology and Laryngology.
E. M. Carpenter, M.D., Surgical Clinic.
A. H. Carter, M.D., Electro-Therapeutics.
Rev. Charles Coppens, S.J., English, Logic, and Metaphysics.
F. E. Coulter, M.D., Anatomy.
Charles S. Crowley, A.M., Ph.C., Chemistry and Toxicology.
B. F. Crummer, M.D., Medicine.
Alexander Dreane, S.J., French.
Rev. Augustine M. Effinger, S.J., Rhetoric and Elocution.
J. S. Foote, A.M., M.D., Histology, Physiology, and Pathology.
W. O. Henry, M.D., Surgical Anatomy.
Frank Hinchey, M.D., Anatomy.
A. H. Hipple, D.D.S., Dental Surgery.
W. R. Hobbs, M.D., Surgery.

Rev. George A. Hoeffer, S.J., Poetry and Elocution.
H. B. Jennings, M.D., Surgery.
H. P. Jensen, M.D., Materia Medica and Therapeutics.
P. S. Keogh, A.M., M.D., Gynæcology.
Rev. W. T. Kinsella, S.J., Librarian.
T. B. Lacy, M.D., Surgery (Fractures and Dislocations).
J. P. Lord, M.D., Surgery.
Martin Luersman, S.J., German.
W. P. Lyons, S.J., Elocution.
T. J. Mahoney, LL.B., Medical Law.
Charles E. Furay, A.M., M.D., Demonstrator.
W. J. Galbraith, A.M., M.D., Clinical Surgery.
Paul Grossmann, A.M., M.D., Medicine.
H. P. Hamilton, M.D., Diseases of Children.
W. E. Harris, M.D., Anatomy.
Rev. Francis X. Mara, S.J., Mathematics and Christian Doctrine.
W. Ross Martin, M.D., Orthopedic Surgery and Bacteriology.
James L. McGeary, S.J., Humanities, Elocution, and Vocal Music.
J. C. Moore, M.D., Demonstrator.
Bernard J. Otten, S.J., Mathematics, Chemistry, and Astronomy.
J. H. Peabody, A.M., M.D., Military Surgery.
W. F. Race, M.D., Demonstrator.
John S. Ragor, S.J., Third Academic B.
A. W. Riley, A.M., M.D., Medicine and Clinical Medicine.
Charles Rosewater, M.D., Obstetrics.
A. B. Somers, M.D., Clinical Medicine.
S. K. Spalding, M.D., Mind and Nervous System.
H. Clayton Sumney, M.D., Professor of Dermatology, etc.
F. S. Thomas, M.D., Mental Diseases.
S. R. Towne, A.M., M.D., Hygiene and State Medicine.

CUMBERLAND UNIVERSITY.

Lebanon, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,100	255	20	5	6,200

The college was established in 1827 at Princeton, Ky., but in 1842 the presbytery, by reason of its indebtedness, transferred the school to Cumberland. During the war the buildings were burned, the library destroyed, and the endowments scattered. The school was re-opened in 1865. The presidents have been: F. R. Cossitt, 1842–1844; T. C. Anderson, 1844–1867; B. W. McDonald, 1867–1873, and Nathan Green, the present incumbent. Four halls are now in use, and a fifth building is just completed. The school is governed by seven trustees. There is a department for women, where instruction is given in literature, art, music, elocution, shorthand, and typewriting. The law school is the oldest in the South. The theological school is co-educational. Collegiate degrees of A.B., B.S., A.M., Ph.B., together with C.E., B.LL., and B.D. are conferred. Attendance at chapel is not compulsory. The total number of graduates has been 2,294; the oldest living is Nathan Green, 1845, of Lebanon, Ky. The students maintain three literary societies with halls, and an athletic association. Chapters of the following fraternities have been established: Β Θ Π, 1854; Mystical Seven, 1867 (united, 1889); Δ Κ Ε, 1857–1873; Δ Ψ, Α Δ Φ, 1858–1861; Φ Κ Ε, 1859–1861; Σ Α Ε,

1860; Φ K Ψ, 1860–1879; X Φ, 1860–1861; A T Ω, 1867–1872; Φ Γ Δ, 1869–1878; Σ X, 1872–80, and K Σ, 1887 "The Phoenix" is published annually.

Faculty.

Nathan Green, LL.D., Chancellor and Professor of Law.
Andrew H. Buchanan, LL.D., Applied Mathematics and Engineering.
William D. McLaughlin, A.M., Latin and Greek.
John I. D. Hinds, A.M., Ph.D., Chemistry, Geology, and Mineralogy.
Robert V. Foster, D.D., Systematic Theology and Exegesis.
Edward E. Weir, A.M., Philosophy.
Andrew B. Martin, LL.D., Law.
Claiborne H. Bell, D.D., Missions.
James M. Hubbert, D.D., Practical Theology.
Isaac W. P. Buchanan, Ph.D., Pure Mathematics.
Rev. Winstead P. Bone, A.M., New Testament Literature.
Laban Lacy Rice, Ph.D., English.
Benjamin F. Foster, A.M., Latin and Greek.
Lieut. Charles Gerhardt, Military Sciences and Tactics.
Rev. John Vant Stephens, A.M., Biblical History and Literature.
Rev. Finis King Farr, A.B., Hebrew and Exegesis.
William J. Grannis, A.M., Preparatory School.
Herbert W. Grannis, A.M., Preparatory School.
Henry N. Grannis, Preparatory School.
William J. Darby, D.D., Pastor.

DARTMOUTH COLLEGE.

Hanover, N. H. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$75,000	560	48	15	75,000

History and Organization: Dartmouth was the outgrowth of a charity school opened by Master Moor in 1754 for Indians. Two years later, fifteen of the thirty students were English. In 1765 £1,000 was raised in England, and placed in charge of the trustees, with the Earl of Dartmouth at the head. The founder, Dr. Wheelock, decided to reach "a greater proportion of English youth." The present site was chosen, and in 1769 a charter was given. The first four students were graduated in 1771. There was a suit for the control of the college between the State and the college, which was decided in 1819 in favor of the trustees, on argument by Daniel Webster. The medical college dates from 1798; the Chandler School of Science and the Arts from 1851; the College of Agriculture and Mechanical Arts from 1866; and the Civil Engineering School from 1867. The presidents have been: Eleazar Wheelock, 1769–1779; John Wheelock, 1779–1815; Francis Brown, 1815–1820; Daniel Dana, 1820–1821; Bennett Tyler, 1821–1828; Nathan Lord, 1828–1863; Asa Dodge Smith, 1863–1877; Samuel Colcord Bartlett, 1877–1892, William Jewett Tucker, 1893. The college is governed by a board of twenty-four trustees.

Courses of Study: Three parallel courses, — the classical, the Latin-scientific, and the scientific lead to degrees of B.A., B.S., M.A.,

and Ph.D. In the first year all studies are prescribed, in the three following years elective studies are offered. Attendance at chapel is compulsory for all. Gymnastics are compulsory for freshmen.

Scholarships and Prizes: There are four resident graduate scholarships of $300 each per year; four resident graduate scholarships, twelve class, and two hundred beneficiary scholarships with twenty-three prizes.

Equipment: Among the fifteen college buildings, are seven dormitories, rooms in which cost from $14 to $100 a year, and a gymnasium. Expenses range from $252 to $391 per year. The college grounds cover thirty acres, with a campus of four acres. In 1894 the different libraries were consolidated,

College Adjuncts: The students publish the "Dartmouth," and "Literary Monthly," and "Ægis," and maintain an athletic association, with a football and baseball team. Other societies are: Ace of Spades, Scouts, Creosote, Lebanon Club, Dramatic Club, Medical Club, Eating Club, Co-operative Association, Medical Society, Press Club, College Council, Orchestra, Choir, Glee Club, Bazoo Concert Company, Hare and Hounds, Boat Club, and Christian Associations. Chapters exist of: Φ B K, Ψ Υ, 1842; K K K, 1842; A Δ Φ, 1846; Z Ψ, 1855; Δ K E, 1853; Φ Z M, 1857; Φ Δ Θ, 1884; B Θ Π, 1889; Θ Δ X; Σ X and Θ N E.

The oldest graduate is Mark N. Fletcher, 1825, of Wayne, Ill.

Faculty.

William Jewett Tucker, D.D., LL.D., President.
Oliver Payson Hubbard, M.D., LL.D., Chemistry and Pharmacy.
Samuel Colcord Bartlett, D.D., LL.D., The Bible and its Relations to Science and History.
Henry Elijah Parker, D.D., Latin.
Rev. Henry Griswold Jesup, A.M., Botany.
John Ordronaux, M.D., LL.D., Medical Jurisprudence.
Carlton Pennington Frost, M.D., LL.D., Science and Practice of Medicine.
Charles Henry Hitchcock, Ph.D., Geology and Mineralogy.
Granville Priest Conn, A.M., M.D., Hygiene.
Edward Rush Ruggles, Ph.D., German.
Henry Martyn Field, A.M., M.D., Therapeutics.
Phineas Sanborn Conner, M.D., LL.D., Surgery.
Edward Cowles, M.D., LL.D., Mental Diseases.
William Thayer Smith, A.M., M.D., Physiology.
Gabriel Campbell, M.Pd., D.D., Philosophy.
Paul Fortunatus Mundé, M.D., Gynecology.
Robert Fletcher, Ph.D., Civil Engineering, Director of Thayer School.
Charles Franklin Emerson, A.M., Dean, Natural Philosophy.
John King Lord, Ph.D., Latin.
David Webster, M.D., Ophthalmology.
Arthur Sherburne Hardy, Ph.D., Modern Art.
William Henry Parish, M.D., Obstet.
Frank Asbury Sherman, M.S., Math.
Charles Francis Richardson, Ph.D., English.
Marvin Davis Bisbee, B.D., Bibliography and Librarian.
Thomas Wilson Dorr Worthen, A.M., Mathematics.
Edwin Julius Bartlett, A.M., M.D., Chemistry.
James Fairbanks Colby, A.M., LL.B., Law and Political Science.
George Adams Leland, A.M., M.D., Laryngology.
John Vose Hazen, C.E., Civil Engineering and Graphics.

Rev. Charles Darwin Adams, Ph.D., Greek.
David Collin Wells, A.B., Social Science.
Tilghman Minnour Balliet, A.M., M.D., Therapeutics.
William Patten, Ph.D., Zoölogy.
George Dana Lord, A.M., Greek.
Herbert Darling Foster, A.M., Hist.
Edwin Brant Frost, A.M., Astronomy.
Gilman DuBois Frost, A.M., M.D., Anatomy.
Frank Gardner Moore, Ph.D., Latin.
Fred Parker Emery, A.M., Rhetoric.
Albert Cushing Crehore, Ph.D., Natural Philosophy.
Rev. Charles Frederic Robinson, A.B., Hebrew.
John Hiram Gerould, Ph.D., Zoölogy.
Louis Henry Dow, A.B., Greek.
William George Stoughton, A.B., German.
Arthur Willard French, C.E., Civil Engineering.
John Chamberlain Roe, Ph.D., French.
Elmer Howard Carleton, A.B., Physical Culture.
William Alfred Redenbaugh, Biological Laboratory.
Etta Mattocks Newell, Librarian.
Hon. Henry L. Dawes, United States History.

DAVIDSON COLLEGE.

Davidson, N. C. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$17,000	162	10	5	11,000

The college dates from 1837. The trustees number fifty-five. The degrees are A.B., B.S. and A.M. The college year is from September 13 to June 13. There is ample space for athletic exercise, and a lake for boating. There have been 717 graduates in all. The oldest of these is the Rev. R. E. Sherrell, 1841, of Haskell, Tex. The students publish "The Davidson Monthly," and maintain ten literary societies. The following fraternities have chapters: **B Θ Π**, 1858; Mystical Seven, 1884 (united, 1889); **X Φ**, 1859–1867; **Π K A**, 1869; **K A**, 1880, **Σ A E**, 1883.

Faculty.

Rev. J. B. Shearer, D.D., LL.D., President, Bible and Moral Philosophy.
William J. Martin, LL.D., Vice-President, Chemistry.
William D. Vinson, M.A., Math.
William S. Currell, Ph.D., English.
Henry Louis Smith, Ph.D., Natural Philosophy.
C. R. Harding, Ph.D., Greek, German.
W. R. Grey, Ph.D., Latin and French.
J. B. Wharey, A.B., Instructor.
J. D. McDowell, A.B., Laboratory Assistant.

DEFIANCE COLLEGE.

Defiance, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	115	5	2	——

The college is situated at old Fort Defiance, which has been substantially rebuilt. The State of Ohio gave 1,280 acres of land. There is a lecture hall and dormitory building standing on a campus of ten acres. The college is governed by a board of five trustees. Instruction is given in a normal, scientific, and commercial course. The students number 115. The college year is from September 7 to June 5.

Faculty.

J. C. McCauley, M.A., President, English, Latin, Mathematics.
Jay J. Weber, M.A., Shorthand and Typewriting.
W. S. Powell, M.D., Physiology and Hygiene.
William Carter, Esq., Commer. Ethics.
John G. Wisda, Preparatory Dep't.

DELAWARE COLLEGE.

Newark, Del. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$40,755	83	14	4	6,736

The college was founded in 1870. It is governed by a board of trustees, fourteen of whom compose the original board, while fifteen come from the three Delaware counties. The courses leading to the degrees are the classical, the Latin scientific, civil engineering, scientific, and agricultural. The grounds cover ten acres. Tuition is free to students residing in the State of Delaware. There are two literary societies. In all 174 students have been graduated. The college year is from September 3 to June 17.

Faculty.

Albert N. Raub, A.M., Ph.D., President, Mental, Moral, and Polit. Sci.
Theodore R. Wolf, M.A., Ph.D., Chemistry, Geology, Sanitary Sci.
George A. Harter, A.M., Ph.D., Mathematics and Physics.
Charles S. Conwell, A.M., Latin, Greek, and French.
Charles L. Penny, A.M., German.
Frederic H. Robinson, C.E., Civil Engineering.
William H. Bishop, B.S., Agriculture and Biology.
H. B. Eves, D.V.M., Veter. Science.
Lieut. J. H. Frier, Military Tactics.
Howard W. Huffington, Mechanical and Electrical Engineering.
George B. Hynson, Elocution and Oratory.
Charles J. Hibberd, Shopwork.

AGRICULTURAL.

Arthur T. Neale, Ph.D., Director.
Frederick D. Chester, M.S., Botanist.
M. H. Beckwith, Horticulturist and Entomologist.
Charles L. Penny, A.M., Chemist.
William H. Bishop, B.S., Agriculturist and Meteorologist.
H. P. Eves, D.V.M., Veterinarian.

DENISON UNIVERSITY.

Granville, Ohio. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,000	385	21	7	17,000

Denison University was organized in 1831 under the auspices of the Ohio Baptist Educational Society, bearing the name of the Granville Literary and Theological Institution. In 1845 the name was changed to Granville College, and again in 1856 to the present name, in honor of William S. Denison, of Adamsville, Ohio. The site was at first a farm, some two miles southwest of Granville, but in 1855 the present site, containing twenty acres, was purchased, and the college moved to town. The first class was graduated in 1840. A severe fire occurred during the first year of the school's existence.

The list of presidents is as follows: Rev. John Pratt, D.D., 1831–1837; Rev. Jonathan Going, D.D., 1837–1844; Rev. Silas Bailey, D.D., LL.D., 1846–1852; Rev. Jeremiah Hall, D.D., 1853–1863; Rev. Samson Talbot, 1863–1873; Rev. Elisha Benjamin Andrews, D.D., LL.D., 1875–1879; Rev. Alfred Owen, D.D., 1879–1886; Rev. Galusha Anderson, S.T.D., LL.D., 1886–1889; Daniel Boardman Purinton, Ph.D., LL.D., 1890.

Degrees of A.B., B.S., B.L., B.Ph., and M.A. are conferred. The college is governed by thirty-six trustees. A gymnasium, costing $25,000, is to be added to the present buildings, two of which were erected only two years ago. Attendance at chapel is required. The students publish "The Denisonian," a weekly, "The Denison Quarterly," "The Journal of Newsology," and "The Adytum," an annual, and maintain two literary societies, having their own halls, an athletic association, an oratorical association, and a mandolin and guitar club, with the following fraternity chapters: Σ X, 1867; B Θ Π, 1869, and Φ Γ Δ, 1885.

The total number of graduates has been 450, of whom 75 have died. The college year is from September 17 to June 17.

Faculty.

Daniel B. Purinton, Ph.D., LL.D., President, Philosophy.
John L. Gilpatrick, A.M., Ph.D., Mathematics.
Richard S. Colwell, D.D., Greek.
George F. McKibben, A.M., French and German.
Alfred D. Cole, A.M., Chemistry and Physics.
J. D. S. Riggs, A.M., Ph.D., Principal of Doane Academy.
Clarence L. Herrick, M.S., Biology.
Charles L. Williams, A.M., Rhetoric and English Literature.
William H. Johnson, A.M., Latin.
Edward P. Childs, A.B., Chemistry and Physics.
William G. Tight, M.S., Geology and Natural History.
Willis A. Chamberlin, A.M., Modern Languages.
Leverette E. Akins, A.M., Mathematics.
C. Judson Herrick, M.S., Natural Science.
Frank C. Ewart, A.M., Latin.
James R. Ewing, A.B., Greek.
William H. Boughton, B.S., Mathematics and Science.
Charles B. White, A.B., Latin.
J. Carleton Bell, Greek.
Ira C. Painter, English.
Henry S. Sauerbrey, Gymnastics.
Rev. H. H. Tuttle, Librarian.

DE PAUW UNIVERSITY.

Greencastle, Ind. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$55,000	783	48	7	17,000

History: The Indiana Asbury University was chartered in 1837. In 1847 the university was empowered to establish professional schools. The first president, in 1839, was Matthew Simpson, afterward bishop. The old buildings were begun in 1837. After a fund of $143,000 had been raised, W. C. De Pauw gave $167,000, and the name was changed. The university as such was not organized until 1884. The semi-centennial celebration was held in 1887. A conflagration resulting in the destruction of West College occurred in 1879.

Organization and Instruction: The university is governed by a board of twenty-one trustees. Degrees are offered in arts, letters, science, philosophy, law, and theology. During the last two years elective courses can be taken. Attendance at chapel and drill are compulsory.

Equipment: The college grounds cover twenty-four acres in the city, and include a university park of 120 acres. There are ten buildings, among which are a woman's hall and three dormitories for women and an observatory.

The students publish the "De Pauw Weekly" and the "Mirage," a junior annual. They maintain the following associations: philological and athletic associations, Der Deutsche Bund, French Club, Christian Associations, oratorical association, glee club, symphony orchestra, quartette, Independent Literary Society, De Pauw Skull, and Fortnightly Club.

The following fraternities have chapters at De Pauw: Φ Β Κ, Β Θ Π, 1845; Φ Γ Δ, 1856; Σ Χ, 1859; Φ Κ Ψ, 1865; Δ Κ Ε, 1866; Φ Δ Θ, 1868; Κ Α Θ, 1870; Π Β Φ, 1870; Δ Τ Δ, 1871; Κ Κ Γ, 1875; Α Χ Ω, 1885; Δ Υ, 1887; Α Φ, 1887.

Since the foundation of the school there have been 1,789 graduates, 1,376 of whom are now living. The oldest of these is the Rev. T. A. Goodwin, 1840, of Indianapolis, Ind.

The college year is from the third Wednesday in September to June 2.

Faculty.

Thomas Bowman, D.D., LL.D., Chancellor.
John P. D. John, A.M. D.D., Pres't.
Edwin Post, A.M., Ph.D., Latin.
Philip S. Baker, A.M., M.D., Chemistry.
James Riley Weaver, A.M., B.D., Civics.
William F. Swahlen, A.M., Ph.D., Greek.
Clarence A. Waldo, A.M., Math.
Lucien M. Underwood, Ph.D., Botany.
Joseph P. Naylor, M.S., Physics.
Henry B. Longden, A.M., German.
Wilbur V. Brown, Ph.D., Astronomy and Observatory.
Wilbur T. Ayres, A.M., Latin.
Andrew Stephenson, Ph.D., History.
F. W. Hanawalt, A.M., Mathematics.
William E. Smyser, A.M., English.
Rev. T. G. Duvall, Ph.D., Philosophy and Bible.

Arthur R. Priest, A.M., Rhetoric and Oratory.
Samuel Baer, Ph.D., German.
Jesse Johnson, Ph.B., Latin.
G. D. Fairfield, A.M., Romance Languages and Literatures.
Sidelia Starr, A.M., English.
Lieut. Edw. M. Lewis, Military Tactics.
L. C. Bentley, A.B., Math. and Physics.
J. F. Brumback, A.B., English.

SCHOOL OF THEOLOGY.

Bishop Thomas Bowman, Chancellor.
John P. D. John, President.
Hillary A. Gobin, A.M., D.D., Practical Theology.
John Poucher, A.M., D.D., Exegesis.
Trumbull G. Duvall, System. Theo.
Andrew Stephenson, Eccles. Hist.
Arthur R. Priest, Oratory, Elocution.

SCHOOL OF MUSIC.

Belle Aurelia Mansfield, A.M., LL.B., Dean, Theory and History of Music.
Julia Alice Druley, Pianoforte.
Walter Howe Jones, Piano and Pipe Organ, and Advanced Theory.
Alison Marion Fernie, Voice Culture, Opera and Oratorio.
Caroline Dutton Rowley, Pianoforte, Harmony and Theory.
Anna Allen Smith, Pianoforte.
Adolph Schellschmidt, Violin and Violoncello.
Frank Newhouse, Pianoforte.
Irene Hayes, Mandolin and Guitar.
Adaline Rowley, Sight Singing.
Mary Janet Wilson, Harmony.

SCHOOL OF ART.

Belle A. Mansfield, A.M., LL.B., Dean, Fine Arts.
Agnes E. Foster, B.P., Drawing and Water Color Painting.
Melissa B. George, Oil Painting and Perspective.
Lizzie H. Goulding, China Painting.
Bessie Smith, Art Extension.

DES MOINES COLLEGE.

Des Moines, Iowa. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	173	12	2	4,000

The college was founded in 1865. It is affiliated with the University of Chicago, which sends occasional instructors, grades examination papers, issues certificates of attainment, and confers the same degrees, to which students would be entitled if at the university, besides offering fellowships of $140 to graduates of the college.

The trustees number forty-six. Candidates for admission must be fourteen years old, and must pass examinations in thirty-one of fifty-eight subjects. Instruction is given in academical and collegiate courses and in music. The college confers degrees of A.B., B.S., and Ph.D. Attendance at chapel is compulsory. Students are not allowed to undergo ordination for the ministry during term time, and are forbidden to secure rooms, contract debts, or leave the city during term, without permission from the president. The expenses for the year, lasting from September 30 to June 30, are from $125 to $250. Of this $36 is for tuition, while fees of $3, $10, and $20 are charged for the use of the library, and for instruction in chemistry and music.

The students maintain three literary societies and two Christian Associations. The graduates number 75, of whom L. Ella Miller, 1875, of California, is the oldest.

Faculty.

Herbert Lee Stetson, B.D., A.M., D.D., President, Hist. and Philos.
James Pomeroy Stephenson, A.B., A.M., Ph.D., English and Logic.
Alfred Bennett Price, A.B., A.M., Latin.
Thomas Marcus Blakslee, Ph.B., A.M., Ph.D., Mathematics.
Florence Tyler Stevenson, A.B., A.M., French and English.
Flora Etta Harris, A.B., A.M., Greek.
Frank Elbert Goodell, A.B., Chemistry and Physics.
Fred Enno Morgan, A.B., Biology.
Daniel M. Shoemaker, German.
Della W. Bonbright, Piano.
Metta H. MacRae, B.Mus., Singing.
Lida H. Thompson, Musical History, Harmony.

DETROIT COLLEGE.

Detroit, Mich. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	300	32	1	5,000

Detroit College was founded in 1877 by the Jesuits, and incorporated in 1881. It is governed by five trustees. Classical and commercial courses of instruction are offered. Besides two literary societies, there is a dramatic and athletic club, a religious and an alumni association. Nineteen gold medals are offered for excellence in study, and ninety-eight premiums for class work. The college year is from the first Monday in September to June 26.

Faculty.

Rev. Henry A. Schapman, S.J., President.
Rev. Joseph A. Murphy, S.J., Prefect of Studies.
Rev. William F. Boex, S.J., Treasurer.
Rev. Benedict Masselis, S.J., Chaplain.
Rev. William T. Kinsella, S.J., Philosophy, Evidences of Religion.
Rev. James J. Curran, S.J., Mathematics, Chemistry, Physics, and Astronomy.
Rev. Eugene A. Magevney, S.J., Rhetoric.
William J. Harrington, S.J., Poetry.
William J. Talbot, S.J., Humanities.
Martin M. Luersman, S.J., William F. Connolly, A.B., George J. Leahey, S.J., Isaac H. Bosset, A.B., William H. Trentman, S.J., George F. Monaghan, A.B., Academic.
James P. Bacon, A.B., Edward D. Devine, A.B., Commercial.

PRECEPTORS IN SPECIAL STUDIES.

Rev. Philip J. Roos, S.J., William H. Trentman, S.J., German.
Rev. George H. Worpenberg, S.J., Book-keeping.
George F. Monaghan, A.B., Penmanship.
Gregory Freytag, Music.

DICKINSON COLLEGE.

Carlisle, Pa. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$32,107	352	22	9	34,000

Dickinson College was founded in 1783. It is governed by a board of forty-eight trustees, four of whom are alumni. Originally all trustees were clergymen. Its preparatory department has existed since the foundation of the college. The law school was organized in 1836.

Four parallel courses of study are pursued: the classical, Latin-scientific, Greek-scientific, and in modern languages. The studies of the first two years are almost all compulsory, while those of the last two years are elective; the degrees are B.A., Ph.B., M.A., D.D., B.L., and LL.D. Tuition is $50 a year; other expenses amount to $200. There are three scholarship funds, several scholarships of $1,000 each, and seventeen college prizes for excellence in study, with four prizes for debate.

Equipment: With the exception of two old buildings, built in 1804 and in 1836, all other buildings — seven in number — are modern. The campus is a full square. There are three libraries, containing 34,000 volumes, a museum, and an observatory and a gymnasium with a running track and an athletic field.

Societies and Publications: There are two literary societies, the Belles Lettres and Philosophical, coeval with the founding of the college, and two general societies which meet at commencement. Besides these, there is an alumni association, two Christian Associations, with chapters of the following fraternities: Φ B K; Z Ψ, 1853–1855; Φ K Σ, 1854–1878; Φ K Ψ, 1859; Σ X, 1859; Θ Δ X, 1861; X Φ, 1869; B Θ Π, 1874; Φ Δ Θ, 1880.

There have been 1,564 graduates, of whom 836 are now living. The oldest is the Rev. William B. McIlvaine, of the class of 1825, in Peoria, Illinois.

Faculty.

Rev. Geo. Edw. Reed, D.D., LL.D., President, Moral Science, Oratory.
Charles F. Himes, Ph.D., Physics.
Rev. Henry M. Harman, D.D., LL.D., Greek and Hebrew, Bible.
Rev. Henry C. Whiting, Ph.D., Latin.
Ovando B. Super, Ph.D., Modern Languages.
James H. Morgan, Ph.D., Greek and Political Economy, Librarian.
William B. Lindsay, Ph.D., Chem.
Bradford O. McIntire, A.M., English Literature and History.
William K. Dare, A.M., Philosophy and Pedagogy.
William W. Landis, A.M., Math.
Henry M. Stephens, A.M., Physiology.
Harry F. Whiting, A.M., Latin and Mathematics.
Montgomery P. Sellers, A.M., German and English.
Martha E. Barbour, Physical Culture.
William Trickett, LL.D., Law of Real Estate.
Hon. Wilbur F. Sadler, A.M., Criminal Law.
Hon. J. M. Weakley, Law of Pleading.
H. Silas Stuart, Esq., A.M., Law of Partnership.
George Edward Mills, Esq., A.B., LL.B., Law of Torts.
M. W. Jacobs, Esq., A.M., Equity.
Albert H. Bolles, Ph.D., Law of Contracts.

DOANE COLLEGE.

Crete, Neb. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$21,000	283	10	4	7,000

The college began in 1872 with six hundred acres of land, overlooking the city of Crete. Ninety acres of this were devoted to the college campus. The institution is governed by a board of twenty-seven trustees. There are two regular courses in classics and sciences; the studies of the first two years are prescribed. Military drill and attendance at chapel are compulsory. The students maintain three Christian Associations and three literary societies, named the Hesperian, Philomathean, Palladian, Phi Kappa Delta, an athletic association, with a tennis association and football team, and the glee club and mandolin club. "The Oval" is published by the students.

Since the foundation of the school there have been 89 graduates, 86 of whom are living.

Faculty.

Rev. David B. Perry, A.M., President, Philosophy.
Arthur B. Fairchild, A.B., Math.
John S. Brown, A.M., Ancient Languages.
Howard F. Doane, A.B., Greek, Latin.
Margaret E. Thompson, S.B., Principal of Ladies' Department.
William E. Jillson, A.M., German and French.
Henry H. Hosford, A.M., Astronomy, Physics, and Chemistry.
Joseph H. Powers, S.B., Ph.D., Biology and Geology.
Charles B. Hardin, Military Science and Tactics.
Jennie C. Hosford, A.B., Greek and Latin.
H. Bert King, Musical Director.
Mrs. A. R. Rieth, Music.

DRAKE UNIVERSITY.

Des Moines, Iowa. *Co-Educational.* *Protestant.*

Income,	Students,	Instructors,	Buildings,	Books,
$22,000.	678	51	4	6,000

The school was founded in 1881. It comprises nine colleges with courses in letters and science, biblical research, law, medicine, music, oratory, and business. It is governed by fifty trustees, of whom eighteen are life members, six alumni, and twenty-six appointed from year to year. There are six literary societies, of which four occupy halls. The students publish the "Delphic." Besides the college library the students have access to the State library of 100,000 volumes.

Faculty.

Barton O. Aylesworth, A.M., LL.D., President, English Literature.
Bruce E. Shepperd, A.M., Moral and Mental Philosophy.
L. Higgins, A.B., C.E., Civil Eng'g.
Lewis Schooler, M.D., LL.D., Surgery.
D. S. Fairchild, M.D., Medicine and Pathology.
E. H. Hazen, M.D., Diseases of Eye and Ear.
Gerhard J. Zepter, A.M., Modern Languages.
Sarah Cottrell, Painting, Drawing, and Decorating.
Nathan E. Coffin, A.B., LL.B, Wills and Probate Law.
D. W. Finlayson, M.D., LL.D., Anatomy and Clinical Surgery.
O. B. Benson, A.M., M.D., Ph.G., Materia Medica and Therapeutics.
A. W. Hoff, M.D., Ph.G., Physiology and Hygiene.
Charles O. Denny, A.M., Latin.
Hon. William A. Spurrier, Indictments and Weaknesses of Defences.
James C. Hume, A.M., LL.B., Elementary Law, Equity Jurisprudence, and Law of Insurance.
Spencer S. Cole, A.B., LL.B., Contracts, Agency, Code Pleading, Practice, and Procedure.
Oscar T. Morgan, A.M., Greek and Hebrew.
Walter E. Scott, M.D., Ph.D., Chemistry and Toxicology.
William A. Crusinberry, A.M., Mathematics and Astronomy.
E. S. Lawrence, M.D., Ph.G., Anatomy.
J. B. Hatton, M.D., Diseases of Throat and Nose.
Frank S. Dunshee, A.B., LL.B., Medical Jurisprudence.
C. E. Stoner, M.D., Bacteriology and Microscopy.
Lewis Schmidt, Ph.G., Dean of Pharmacy.
H. O. Breeden, A.M., LL.D., "A Ministerial View of the Legal Profession."
Charles A. Dudley, Esq., Statute of Frauds.
Hon. Josiah Given, The Relation of Lawyers to the Courts, their Clients, the Public, and Each Other.
Hon. C. C. Nourse, Legal Rights of Married Women.
P. S. McNutt, B.E., LL.B., Law.
E. Amhurst Ott, Principal College of Oratory.
Hon. J. G. Berryhill, The Lawyer's Business Opportunities.
W. H. Bailey, Esq., Making and Examining Abstracts.
Senator C. H. Gatch, Practical Law-Making.
Hon. A. B. Cummins, Corporation Law.
Hon. Chester C. Cole, LL.D., Evidence, Commercial Paper.
L. G. Kinne, LL.D., Corporation Law.
Hon. C. P. Holmes, Real Property.
J. A. Strong, Mus.D., Mus. Director.
L. S. Ross, M.S., Biology, Chemistry.
D. W. Smouse, M.D., Clin. Gynecol.
A. O. Michael, Ph.G., Botany.
Angus McKinnon, A.B.B.B.Sc., Commercial School.
Carrie B. Belknap, Vocal Music.
J. C. Macomber, M.S., LL.B., Criminal Court.
A. N. Porter, LL.B., Probate Practice.
J. Madison Williams, A.M., History.
Mrs. A. Z. Williams, A.B., Normal College.
Robert T. Mathews, A.M., Sacred Lit.
A. M. Newens, Oratory.
Harry McCormack, Laboratory Assist.
George W. Hamilton, Tutor.

DRURY COLLEGE.

Springfield, Mo. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,000	360	16	8	22,000

At a Congregational convention in 1873 the college was established at Springfield with an endowment of $225,000, and with a campus

of thirty-five acres. The presidents have been: Rev. Nathan Jackson Morrison, D.D., LL.D., 1873–1887; Rev. Francis Theodore Ingalls, D.D., 1887–1892. The school is governed by twenty trustees. Students are admitted on certificates. Two parallel courses lead to degrees of B.A., B.S., and M.A. The expenses range from $125 to $175 a year. There are eighteen scholarships, and three prizes of from $10 to $25. Attendance at chapel, military drill, and gymnastics are compulsory. The college year is from September 11 to June 11. The natural history collection owned by the college is considered to be very good. A gymnasium with athletic grounds provides for physical exercise. There are two literary societies: the Oratorical Association for men, and the Lauriferae for women; two similar societies in the preparatory department; three Christian Associations and Endeavor Societies, and a Historical Society. "The Mirror" is published fortnightly.

Faculty.

Rev. Homer T. Fuller, Ph.D., President, Philosophy.
Edward M. Shepard, A.M., Librarian, Biology and Geology.
Frederic A. Hall, A.M., Greek.
Arthur P. Hall, Ph.D., Latin.
William A. Chalfant, Piano and Organ.
Caroline W. Daniels, A.M., Women's Department and English.
Oliver H. Richardson, A.M., History and Modern Languages.
Clark P. Howland, A.M., Academy.
Helen F. Barnes, A.M., English.
William J. Whitney, A.M., History and Modern Languages.
Benjamin F. Finkel, A.M., Sect'y, Mathematics and Physics.

INSTRUCTORS.

Verna M. Thompson, M.S., English and Modern Languages.
Mary Barton, A.B., History and English Literature.
Laura A. Schab, Expression and Physical Culture.
Margaret H. Duffey, B.S., Art.
Bertha B. Allen, A.B., Science and Mathematics.
Darwin O. Clark, Chemistry.
Charles N. Smiley, Jr., Latin.
John Howard Nixon, M.D., Histology and Physiology.

EARLHAM COLLEGE.

Richmond, Md. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$24,000	366	15	5	6,000

Earlham College was founded in 1859. It began as a co-educational institution, having grown out of the Friends' Boarding School of the same town, to which both sexes were likewise admitted. The first graduating class consisted of one man and one woman; since that time one-third of the graduates have been women. The college is governed by thirteen trustees.

Admission is by examination, or upon certificates from fourteen specified academies, and five high schools of Indiana. There are eight courses of study of four years each. The degrees are B.A.,

B.Ph., B.LL., B.S., and that of M.A., after one year's study. The total expenses for the year, lasting from September 14 to June 9, are $215. Eight benevolent funds, aggregating $40,000, have been established, from the interest of which scholarships of $65 each are bestowed. In addition to these funds there is a loan fund for young women, and one for graduating students.

The college grounds cover one hundred and twenty acres, and overlook the valley of the White River. There is an athletic field large enough for all sports, and an auditorium seating one thousand. Of the societies the Oratorical Association is open to members of all four classes. The Ionian is for men, and the Phoenix Band for women. Both own libraries. The "Earlhamite" is published by the students.

In all, 350 students have been graduated, 323 of whom are living. The oldest of these is Luzena Thornburg, 1862, of Carthage, Ind.

Faculty.

Joseph J. Mills, A.M., LL.D., President, Philosophy.
Joseph Moore, A.M., LL.D., Geology and Zoölogy.
William B. Morgan, A.M., C.E., Mathematics.
David W. Dennis, Ph.D., Chemistry, Biology, and Physics.
William N. Trueblood, A.M., English.
Adolph Gerber, Ph.D., German and French.
Cyrus W. Hodgin, A.M., History and Political Economy.
Marianna Brown, A.M., Greek.
Edwin P. Trueblood, A.M., Elocution and Gymnastics.
Robert L. Sackett, B.S. (C.E.), Applied Mathematics and Astronomy.
Mary L. Coggeshall, B.Ph., Latin.
Elbert Russell, A.M., Exegesis and Church History
Emma Spencer Townsend, Eng. Bible
Alice A. Mendenhall, A.B., Hebrew and English Bible.
Mary E. Harris, Librarian.
J. Elwood Bundy, Painting and Drawing.
Alice B. Finley, B.P., Music.
William O. Beal, Chemical Laboratory.
Walter E. Day, Assistant Librarian.
Irving King, German.
Charles E. Cosand, English.
Edwin P. Haworth, Gymnasium.
John U. Harkness, Superintendent and Treasurer.
Charity C. Harkness, Matron.

ELMHURST COLLEGE.

Elmhurst, Ill. *Men.* *German-Evangelical.*

Income,	Students,	Instructors,	Buildings,	Books,
$21,629	131	8	1	1,473

This college, which was originally intended as a German preparatory theological seminary, was founded in 1871, and celebrated its twenty-fifth anniversary in 1896. It is situated sixteen miles from Chicago, on a tract of twenty-eight acres. The trustees number eight, with three parishes having one vote each. Admission is on certificate. Instruction is given in the classics, modern languages, sciences, music, and pedagogy. Attendance at chapel is compulsory. Students are forbidden to correspond without permission from the

president, and must have no intercourse whatever with members of the opposite sex. A marriage engagement is followed by instant dismissal. The expenses for the year are $200. Poor students can obtain scholarships of from $100 to $150, but in return for such scholarships must sign articles promising to return such advances, and promising also never to leave the Evangelical Church.

The graduates number one thousand.

Faculty.

P. H. Wolf, President.
P. H. Stamer, Secretary.
P. C. Krafft, Treasurer.

INSTRUCTORS.

P. D. Irion, Inspector.
P. I. Lüder, Professor.
P. E. Otto, Professor.
H. Brodt.
G. A. Sorrick, A.M., English.
F. A. Kern.
P. K. Bauer.
Georg Ramge.
C. G. Kircher, Superintendent.

ELMIRA COLLEGE.

Elmira, N. Y. *Women.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$31,000	184	19	4	5,000

The school was chartered in 1852 as the Auburn Female University. It was transferred to Elmira in 1853, and was opened to students two years later as the first women's college giving the degree of B.A. in the East. It was also the first to receive aid from the State. It is governed by nineteen trustees. Students holding certificates of the Regents of New York, or of preparatory and high schools are admitted without examination. Degrees of B.A., B.S., and in music are given, as are the degrees of M.A. and M.S. after one year's post-graduate study. The expenses for the year are $350. The income of $25,000 is used to assist worthy students, and the interest of $1,000 is given to the best graduate.

The campus covers ten acres, and contains athletic grounds. The graduates number 404, of whom 340 are living. The oldest of these is Martha B. Flint, 1859, New York City. Two literary associations, the Kappa Sigma, and the Phi Nu are maintained by the students, and the "Sibyl" is issued five times a year by the Seniors. The college year lasts from September 16 to June 10.

Faculty.

Rev. Augustus W. Cowles, D.D., LL.D., Acting President, Psychol.
Rev. Darius R. Ford, D.D., Physical Sciences and Astronomy.
Anna Leach, Lady Principal, Ethics and English.
Emma K. Clark, A.B., Librarian, Latin.
Cornelia P. Dwight, Mathematics, Secretary of Faculty.
Ellen C. Pierson, German.
Helen E. Hoag, A.B., Greek and Hist.
Eleanor Hamilton, French.
Bertha Conde, A.B., Physical Sciences.
Mary G. Cummings, Ph.B., Rhetoric and Physical Culture.
George Morgan McKnight, Music.
Lena Broughton, Piano and Harmony.
F. Angeline Palmer, Piano.
M. DeForest Siple, Violin and Guitar.
George W. Waters, A.N.A., Art.
Mabel Waters, Jean Waters, Grace Allington, Assistants in Art School.
Amanda Townsend, Matron.

EMINENCE COLLEGE.

Eminence, Ky. *Co-Educational.* *Non-Sectarian.*

The school was opened as a high school in 1857. In 1859, after a transfer of the property, it was organized as a college. It is governed by seven trustees. Three courses lead to degrees of B.A., B.L., and B.S. The expenses for the year, lasting from the first Monday in September to the first Thursday in June, are $225. The societies are the Philomathean, the Shakespeare Society, and a debating club. The "Philomathean Weekly" is published. The graduates number 272.

Faculty.

W. S. Giltner, A.M., President, Ethics and Greek.
J. C. Gordon, Higher Mathematics.
Nannie B. Rees, A.B., English.
Miss M. F. Gordon, A.B., Latin.
Prudie Gordon, A.B., Civil History.
Miss L. D. Giltner, A.M., Musical Director.
Mrs. H. A. Brewer, Art and French.
L. D. Giltner, Commercial Department.
Leila Bettis, Matron.

EMORY COLLEGE.

Oxford, Ga. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$19,685	288	14	6	10,000

The college, which dates from 1837, is forty miles from Atlanta, on a high granite ridge. Of the thirty-nine trustees, three must be alumni. No student can receive the degree of A.B. who has not studied Latin and Greek and one modern language. Degrees of B.S., B.L., B.Ph., and M.A. are also given.

There is a loan fund association which provides $200 or less a year for indigent students. There are also two literary societies, which date from the foundation of the college, and possess libraries of 6,000 volumes. Chapters of the following fraternities have been organized: Mystical Seven, 1841–1858; Κ Α, 1869; Χ Φ, 1869; Φ Δ Θ, 1871; Α Τ Ω, 1881; Σ Α Ε, 1882–1888; Δ Τ Δ, 1882; Κ Ε, 1887; Σ Ν, 1884. The alumni number 1113, of whom 750 are living; the oldest of these is the Rev. J. R. Armstead, 1841, of Mansfield, La.

Faculty.

Rev. W. A. Candler, D.D., President, Philosophy and Bible.
Rev. Morgan Callaway, D.D., English.
John F. Bonnell, Ph.D., Sciences.
Rev. L. H. Harris, A.M., Greek.
Rev. John S. Moore, D.D., Latin.
Rev. Julius Magath, Modern Languages and Hebrew.
Mansfield T. Peed, A.M., Pure Mathematics and Astronomy.
H. H. Stone, A.M., Applied Mathematics, Librarian.
W. B. Griffin, Jr., A.B., Classics.
Edgar H. Johnson, A.B., Mathematics.
Rev. H. S. Bradley, A.B., Sciences.
Rev. J. E. Dickey, A.B., Philosophy.
Capers Dickson and Col. John S. Candler, Law Lecturers.
U. G. Hardeman, Assist. Librarian.

EMORY AND HENRY COLLEGE.

Emory, Va. *Men.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	100	7	6	8,000

The college was founded in 1837. It is governed by twenty-seven trustees. Its courses of study lead to degrees of B.A., B.S., and M.A. There are two scholarships of $100 each, three gold medals, and two other prizes for proficiency in study. The college year lasts from September 12 to June 12.

The campus covers twenty-three acres. A new gymnasium has recently been erected seating 1,600 persons. Two literary societies, which jointly publish a monthly, are maintained by the students, and chapters of the following fraternities have been organized: Φ K Σ, 1855–1861; K, 1872; Rainbow, 1883–1886; Σ A E, 1884; Δ K Θ, 1889; and Φ A X.

Faculty.

Rev. R. G. Waterhouse, M.A., D.D., President, Psychology and Ethics.
Rev. Edmund Longley, M.A., Modern Languages.
Rev. James A. Davis, M.A., Sciences.
James S. Miller, C.E., D.Sc., Math.
Joseph L. Jarman, Natural Sciences.
Jesse T. Littleton, M.A., Modern Languages.
Charles H. Shannon, B.A., Ancient Languages.
Lacon H. Carlock, B.A., Ancient Languages and English.
Henry L. Lyons, Gymnasium.
J. N. McClure, Superintendent.
A. E. Buchanan, Languages.
C. H. S. Humphreys, Mathematics.
C. W. Crawford, English.

ERSKINE COLLEGE.

Due West, S. C. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,400	112	7	3	——

Erskine College was founded in 1839. In 1892 the old building was burned, and a new one was erected in its place. The school is governed by twenty-one trustees. Admission is by certificates. There are two courses of study, of four years each, leading to degrees of A.B., and B.S. The expenses for the year, lasting from the first week in October to the middle of June, are $100. A scholarship of $175 has been established, and a new chair has been founded on a recent gift of $8,000. Among the college buildings is an auditorium seating 1,500, and a new observatory. Buildings are also owned by the Philomathean and Euphemian societies, and by a branch of the Y. M. C. A. Chapters of the following fraternities have been organized: Σ X, 1860–1861; Rainbow, 1872–1874; K A, 1883; Σ A E, 1884–1888.

The graduates number 517, of whom 300 are living. The oldest of these is D. G. Phillips, 1846, of Louisville, Ga.

Faculty.

Rev. W. M. Grier, D.D., President, Philosophy.
E. L. Reid, A.B., Physical Science.
P. L. Grier, A.M., Mathematics and Astronomy.
R. G. Peoples, A.B., Greek, German.
Rev. J. McC. Todd, A.M., D.D., Latin and French.
J. I. McCain, Ph.D., English Literature.
John L. Pressly, A.B., Preparatory Department.

EUREKA COLLEGE.

Eureka, Ill. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$22,000	192	14	6	4,692

The college was founded in 1857. It is governed by twenty-four trustees. Degrees of B.A., B.S., and M.A. are given. Attendance at chapel is compulsory, but drill and gymnastics are not required. Negroes are not excluded. The expenses are upward of $125 a year. The college year lasts from September 10 to June 10.

The college grounds cover twenty-five acres, six of which form the campus. The Edmund Burke and Periclesian literary societies have been in existence for more than forty years, while another, the Adelphian, has been founded since that time. Besides two Christian Associations there is an Athletic Association, a baseball team, a football eleven, and glee club. The "Pegasus" is published monthly. Since the foundation of the school 393 alumni have been graduated, the oldest of whom is Elija Dickinson, 1860, Eureka, Ill.

Faculty.

Carl Johann, A.M., LL.D., President, Modern Languages.
B. C. Deweese, A.M., Sacred Lit.
B. J. Radford, A.M., LL.D., Latin and History.
Horace N. Herrick, A.M., Greek and Sanskrit.
John A. Lowry, Mathematics.
R. E. Conklin, A.M., Nat. Sciences.
R. E. Hieronymus, A.M., English.
A. T. Smith, Preparatory Department, Vocal Culture.
G. W. Hootman, Commercial Department.
Janie Vandervort, Piano.
Zua I. Briggs, M.A., Violin.
Mattie Naramore, Drawing, Painting.
Annie J. Jones, M.A., Elocution.
J. T. Allison, Typewriting.
F. W. Burnham, Telegraphy.
J. E. Wharton, Physical Culture.
J. A. Evans, Ladies' Boarding Hall.
John Lewis, Gentlemen's Boarding Halls.

EVELYN COLLEGE.

Princeton, N. J. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
—	35	21	2	—

Evelyn College was founded in 1887 as an annex to Princeton for women students. It was incorporated in 1889. There is a classical course, equal to that of Princeton, leading to the degree of B.A., with other courses in English, music, and art, leading to the degree of B.L. Instruction is given by professors and instructors of Princeton, and the libraries and museums of Princeton are used by the students. Post-graduate courses at Princeton are open to the students of Evelyn. The price of board and tuition is $400 a year.

Faculty.

Rev. J. H. McIlvaine, D.D., President, Political Economy, Christian Evidences, Latin, and Greek.
Rev. James Ormsby Murray, D.D., LL.D., Bliss Perry, A.M., English.
Alexander Thomas Ormond, Ph.D., Ethics, Psychology, and Logic.
Charles Augustus Young, Ph.D., LL.D., Taylor Reed, A.M., Astron.
Cyrus Fogg Brackett, M.D., LL.D., Physics.
Henry B. Cornwall, E.M., Ph.D., Chemistry.
Allan Marquand, Ph.D., L.H.D., Art.
Winthrop M. Daniels, A.M., History.
Walter Meade Rankin, Ph.D., Biology.
John Grier Hibben, Ph.D., Math.
Josephine de Valley, French.
Martha Engell, German.
Dr. William, Director School of Music.
Miss A. H. Biggs, Instrumental Music.
Alice M. McIlvaine, Vocal Music.
Edgar M. Ward, M.A., Director School of Design.

PRINCETON COLLEGE LECTURERS.

Charles W. Shields, D.D., LL.D., Harmony of Science and Revealed Religion.
William A. Packard, Ph.D., Latin Language and Literature.
S. Stanhope Orris, Ph.D., Greek Language and Literature.
Theodore Whitefield Hunt, Ph.D., Old and Early English.
Henry Fairfield Osborn, D.Sc., Biology.
William B. Scott, Ph.D., Geology.
William Libbey, D.Sc., Physical Geography and Histology.

EWING COLLEGE.

Ewing, Ill. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
—	115	8	6	2,500

The school was founded in 1867 as the Ewing High School, and in 1874 became Ewing College. The presidents have been: John Washburn, 1867–1875; Rev. J. W. Patton, 1875–1876; John Washburn (second term), 1876–1877; Rev. William Shelton, 1877–1880; Dr. Washburn (third term), 1880–1890; and Rev. J. A. Leavitt, the present incumbent. The school is governed by seventeen trustees.

Three parallel courses lead to degrees of B.A. and B.S. Attendance at chapel is compulsory. Expenses for the year are from $100 upwards. The academic year lasts from September 3 to June 4. The college grounds cover seven acres. Two societies: the Pythagorian and the Logossian are maintained by the students. In all, fifty-seven alumni have been graduated.

Faculty.

Rev. J. A. Leavitt, Pres., Philosophy.
John Richeson, A.M., Natural Sciences and History.
C. E. Thompson, A.B., Languages.
J. D. Martin, Mathematics.
Mary E. Bryan, Academ. Department.
Alice Lichty, Singing, Instrumental Music.
Mrs. M. E. Bryan, Lady Principal.
Mrs. C. E. Thompson, Matron.

FAIRFIELD COLLEGE.

Fairfield, Neb. *Co-Educational.* *Church of Christ.*

Income,	Students,	Instructors,	Buildings,	Books,
——	106	6	——	300

The college was founded in 1884. The graduates number forty. The president is A. J. Murphy, A.M.

(*Further information lacking.*)

FINDLAY COLLEGE.

Findlay, Ohio. *Co-Educational.* *Church of God.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,481	434	17	1	1,500

The college was incorporated in 1882. It is governed by eighteen trustees. There are four regular courses leading to B.A., B.S., B.L., and M.A., and six special courses. Six scholarships, the interest on $1000 each, are available. Two literary societies are maintained by the students. The college year is from September 16 to June 20.

Faculty.

Rev. William N. Yates, A.M., President, Philosophy.
Allen C. Redding, M.Sc., Chemistry and Physics.
Charles T. Fox, A.M., Latin, German.
Ed. M. Mills, Ph.M., A.M., Math.
Julie Pauline Davies, Ph.D., Lady Principal, French, History, English.
Erastus F. Loucks, A.M., Registrar, Greek.
Jennie C. Oliver, Elocution, Oratory.
Reno B. Myers, Piano Department.
Mrs. E. F. Loucks, Singing.
Mrs. Nellie Bacon, Organ and Piano.
Leon Wineland, Violin, Cornet, and Orchestra.
Harry J. Minnich, Stenography.
John H. Livingston, Book-keeping, Commercial Law.
Claribel Jenkins, Drawing, Painting.
Minnie Maude Thorley, Minnie Myrtle Carrothers, Singing.
William Taylor, Curator of Museum.
Lizzie Graul, Librarian.

FISK UNIVERSITY.

Nashville, Tenn. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$43,000	465	30	5	5,227

The university was founded by the American Missionary Association of New York and the Western Freedman's Aid Association in 1865, to provide instruction for colored students. The first class was graduated in 1875. The college is governed by nine trustees. The Jubilee Singers were sent out from this school. There are departments of industrial education, and domestic work. Attendance at chapel is compulsory. There are five buildings, a gymnasium, and an athletic ground. The college year lasts from September 21 to June 10. Since the foundation of the school 270 students have been graduated, of whom 256 are living. The oldest of these is John D. Burrows, 1875, of Nashville, Tenn.

Faculty.

Rev. Erastus M. Cravath, D.D., President, Philosophy and Polit. Econ.
Rev. Adam K. Spence, M.A., Greek and French.
Rev. Henry S. Bennett, M.A., Theology and German.
Helen C. Morgan, M.A., Latin, and Librarian.
Rev. Frederick A. Chase, M.A., Natural Science.
Herbert H. Wright, M.A., Mathematics and Vocal Music.
Rev. Edwin C. Stickel, M.A., Bible.
Rev. Charles W. Dunn, M.A., B.D., Theology and Church History.
Rev. Eugene Harris, M.A., B.D., Hebrew and Old Testament.
Rev. George W. Moore, M.A., B.D., Pastoral Theology.
Anna T. Ballantine, Lady Principal.
Dora A. Scribner, B.A., Rhetoric, Literature, and Natural Science.
Emma L. Parsons, M.A., Secretary.
Mary E. Spence, M.A., Greek, French.
Mary A. Bye, B.S., Latin, History.
Alice M. Garsden, English Reviews and Mathematics.
M. Antoinette Kellogg, B.Pd., Physical Geography and Normal Methods.
Caroline Wandell, Common English, Writing, and Drawing.
Alice L. Walker, Ph.B., U. S. History.
Ella F. Comings, B.S., Arithmetic.
Miriam E. Carey, Composition.
Emily R. Bishop, Reading, Geography.
Lucy R. Greene, Model School.
Jennie A. Robinson, Instrumental Music and Voice Culture.
Mary E. Chamberlin, Music, Harmony.
Luretta C. Stickel, B.L., Music.
Alice May Grass, Organ and Piano.
Frances L. Yeomans, Nursing and Hygiene.
W. D. McFarland, Cooking, Sewing.

FLORIDA CONFERENCE COLLEGE.

Leesburg, Fla. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,000	57	6	3	4,000

The college was founded by the Florida Conference of Methodists in 1885, and the conference since that time has appropriated $2,000 a year for its purposes. It is governed by a board of eighteen trustees. Degrees of B.A., B.S., and M.L. are given. The college year lasts from September 11 to May 20. Two societies are organized among the students. Since 1890 twenty-eight alumni in all have been graduated.

Faculty.

Rev. J. T. Nolen, A.B., B.D., President, Latin.
Rev. F. A. Taylor, A.M., Mathematics and Greek.
Rev. T. A. Jordan, A.B., B.D., History, English, and Natural Science.
Mrs. C. C. B. Richards, Natural Science, German, and French.
Mrs. A. S. Barnett, Music.
Fannie Collins, Art.
Victor Knight, Librarian.
Mary Knight, Assistant Librarian.

FORT WORTH UNIVERSITY.

Fort Worth, Texas. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,000	344	42	6	1,500

The school was chartered as the Texas Wesleyan College in 1881, but changed its name to the present one in 1889. It is governed by a board of thirteen trustees. Admission is by examination and upon certificate. Two collegiate courses, and courses in law and medicine, lead to degrees of B.A., B.S., LL.B., and M.D. Two preparatory courses, a normal and commercial course, besides courses in music and military training, are also offered. Attendance at chapel, church, and at military drill for men, is required. The expenses for the year, lasting from September 15 to May 20, are $165, of which $50 is for tuition. Scholarships equivalent to tuition are offered in the Normal College, and a gold medal is given for excellence in oratory.

The campus, situated in the midst of Fort Worth, the "Chicago of Texas," on the southern bank of the Trinity River, covers ten acres. Of the buildings, four, including the dining-hall and armory, are on the campus, while the professional schools are in the centre of the town. The college owns a good library, observatory, two laboratories, and a museum of zoölogical and mineralogical specimens, and of archæological casts. The societies are the Athenian and Hesperian for men, the Orophilian for women, an Athletic Asso-

ciation, with football and baseball teams, and two Christian Associations. Of the twenty-eight graduates, William R. Edrington, 1887, of Fort Worth, is the oldest.

Faculty.

Oscar L. Fisher, A.M., D.D., President, Ethics and Metaphysics.
William A. Adams, A.M., M.D., Medicine.
James Anderson, M.D., Dermatology.
Elias J. Beall, M.D., Surgery.
Augustus J. Booty, Dean, Evidence.
J. T. Brantley, Book-keeping and Commercial Law.
Blanche G. Brazelton, Fine Arts.
Amanda Brock, Shorthand.
Samuel T. Camp, Law.
Edgar Doak Capps, M.D., Physiology and Brain.
Ira Carleton Chase, A.B., Chemistry and Toxicology.
Alice C. Conkling, Belles Lettres.
William A. Duringer, M.D., Genito-Urinary Diseases.
Charlotte E. Fisher, History.
Irene Fisher, Preparatory.
Julian T. Feild, M.D., Obstetrics and Gynecology.
Robert W. Flournoy, A.B., Law.
David R. Fly, M.D., Anatomy and Clinics.
Agnes Ferguson, A.M., German and French.
Theodore F. Graham, A.M., Latin and Greek.
Frank Gray, M.D., Eye, Ear, Nose, and Throat.
B. H. Green, Telegraphy.
Marie B. Hack, Oratory.
Ella F. Hendricks, Shorthand.
Grace Hiltz, Vocal Music.
William R. Howard, M.D., Histology.
John W. Irion, M.D., Phys. Diagnosis.
Kent V. Kibbie, B.S., Chemistry.
Almeda F. Mann, Violin.
R. F. Moore, Penmanship.
F. P. Preuitt, Commercial College.
Bacon Saunders, M.D., Surgery.
U. S. Shewmaker, Penmanship.
Robert L. Short, A.M., Mathematics.
Laura Grant Short, Music.
Ernest L. Stephens, M.D., Materia Medica.
F. D. Thompson, M.D., Gynecology.
Anne Walford, Music.
Amos Clarke Walker, M.D., Anatomy.
William Beverly West, M.D., Diseases of Children.
W. M. Short, Commandant.
Flavilla Grant, Latin, Mathematics.
George W. Steere, English.

FRANKLIN COLLEGE.

Franklin, Ind. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$24,000	207	11	3	3,000

The college was founded in 1835. It has been suspended twice, first in 1864 for lack of students by reason of the war, then in 1872 for want of funds. The presidents have been: the Revs. George C. Chandler, 1843–1849; Silas Bailey, 1852–1862, and William T. Stott, D.D., 1869 to the present. The government is vested in twelve directors. The degrees are B.A., B.S., B.Ph., and M.A. Attendance at chapel is compulsory. Negroes are not excluded. The yearly expenses are from $138 to $216. The academic year lasts from September 17 to June 10. The students maintain three literary societies: the Pereclesian, Webster, and Athenian; two Christian Associations, an athletic association, tennis club, with baseball and football teams;

and publish "The Kodak." Chapters of the following fraternities have been organized: Φ Δ Θ, 1860; Δ T Δ, 1871–1882; Δ Γ, 1878–1883; K K Γ, 1879–1884, and Π B Φ, 1888.

Faculty.

Rev. William T. Stott, D.D., President, Philosophy.
Rev. Columbus H. Hall, A.M., B.D., Greek.
Rebecca J. Thompson, A.M., Mathematics, Librarian.
David A. Owen, A.M., Biology.
Francis W. Brown, A.M., Ph.D., Latin.
Wellington B. Johnson, A.M., Chemistry and Physics.
Charles E. Goodell, A.M., Secretary, History.
William E. Henry, A.M., English.
Jeannette Zeppenfeld, M.S., Modern Languages.
Arabella R. Stott, Painting and Drawing.
James M. Dungan, Mus. Doc., Music.
Minnie Bruner, Music.
Grace E. Stott, Assistant Librarian.

FRANKLIN COLLEGE.

New Athens, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	100	12	5	3,000

The college was founded in 1825, and was flourishing in the days of Andrew Jackson, who was among its benefactors. Of the thirty-five colleges of Ohio only five have graduated a larger number of classical students. It is governed by twenty-one trustees. Admission is by examination and upon certificate. The curriculum leads to degrees of B.A., B.S., and B.Ph., and diplomas in business, music, and art are offered. Degrees of M.A., Ph.M., and M.S. are given after three years. Expenses for the year, lasting from September 1 to June 2, are from $130 to $200.

A new college building has recently been erected at a cost of $12,000, and a separate dormitory has been provided for women. The students maintain two chartered literary societies, the Philosophic and Jefferson, and two Christian Associations. A chapter of Δ T Δ was organized in 1863, but expired in the same year.

The graduates number 800, a very large majority of whom are clergymen. The oldest of these is Rev. Joseph McKee, 1832, of Los Angeles, Cal.

Faculty.

Rev. W. A. Williams, D.D., President.
Rev. R. G. Campbell, D.D., Classics.
T. M. Sewell, Ph.D., Mathematics and Natural Science.
C. E. Githens, Latin.
W. D. Porterfield, M.S., Secretary, Normal Department.
Anna Day, Vocal Music.
Mrs. S. M. Boice, A.M., Art.
Grace Hunter, Shorthand.
E. B. Thomas, Commercial Branches.
W. M. Amos, Penmanship.
Margaret McFarland, M.S., B.E., Elocution.

FRANKLIN AND MARSHALL COLLEGE.

Lancaster, Pa. *Co-Educational.* *Reformed Church.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,500	325	22	7	29,000

It was founded in 1853 as the continuation of Franklin College, founded by Benjamin Franklin, dating from 1787, and Marshall College, named after Chief Justice Marshall, dating from 1836. The presidents have been: Rev. E. V. Gerhart, D.D., 1854–1866; Rev. J. W. Nevin, D.D., LL.D., 1866–1876; Rev. Thomas G. Apple, D.D., LL.D., 1877–1889; Rev. John S. Stahr, Ph.D., D.D., 1890 to the present time.

The college is governed by thirty trustees. Besides the college, with courses leading to the degree of B.A., there is a theological seminary under the direction of three eastern synods. The college grounds cover thirty-two acres. Three oratorical contests are held each year for prizes of $20, $25, and $50. In the seminary three similar prizes are given for excellence in church history, rhetoric, and Hebrew. A preparatory academy is connected with the college. The students publish "The College Student," a monthly; the "F. and M.," a weekly; the "Nevonian," a senior annual, and the "Oriflamme," a junior annual. There are two literary societies, the Diagnothian and the Goethian, a Christian Association, a glee and mandolin club, an athletic association, with a football eleven, baseball nine and tennis club. Chapters of the following fraternities have been organized: Φ K E, X Σ, 1855; Φ K Ψ, 1860, and Δ T Δ, 1874.

Faculty.

Rev. John Summers Stahr, Ph.D., D.D., President, Mental and Moral Science and Geology.
Rev. Emanuel Vogel Gerhart, D.D., LL.D., Sys. and Prac. Theology.
Rev. Thomas Gilmore Apple, D.D., LL.D., Church Hist. and Exegesis.
Rev. Frederick Augustus Gast, D.D., Hebrew and Old Testament.
Rev. John Calvin Bowman, D.D., New Testament Exegesis.
Rev. William Rupp, D.D., Practical Theology.
Rev. Joseph Henry Dubbs, D.D., History and Archæology.
John Brainerd Kieffer, Ph.D., Greek.
Jefferson Engel Kershner, Ph.D., Math. and Director of Observatory.
Rev. Geo. Fulmer Mull, A.M., Latin.
Rev. Richard Conrad Schiedt, A.M., Mod. Languages and Nat. Science.
Rev. Charles Ernest Wagner, A.M., English.
Anselm Vinet Hiester, A.M., German and Mathematics.
Clarence Nevin Heller, A.M., Ancient Languages.
John Michael Grove, A.M., Natural Science.
Lieut. Edgar Wellington Howe, Military Science and Tactics.
Martin Luther Herr, A.M., M.D., Anatomy, Physiology, and Hygiene.
Minnie L. Morgan, Elocution.
George Washington Hartman, A.B., Director of Gymnasium.
William Ward Moore, A.M., Rector of Academy.

FRENCH-AMERICAN COLLEGE.

Springfield, Mass. *Co-Educational.* *Protestant.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,500	56	10	4	——

The college was chartered in 1885, and notwithstanding its name is a distinctly American institution. It is governed by a corporation of twenty-nine and by seventeen trustees, and by a business council of eight. There is a "conseil," with students from each class, which, under the direction of the president, deals with cases of discipline. Degrees of A.B., B.S., A.M., and Ph.D. are conferred. Two scholarships have been established for deserving students. The college grounds cover three acres, and there are four buildings. The library of Springfield is accessible. The students maintain a literary and debating society, a Christian Endeavor, Church Society, and publish the "French-American Citizen."

Faculty.

Rev. Samuel H. Lee, A.M., President, Psychology, Ethics, and Economics.
Gustave Michaud, D.S., French, Natural Science.
Z. Willis Kemp, Ph.D., Latin, Greek.
Rev. Louis F. Giroux, B.A., History and Biblical Literature.
George H. Howard, Mathematics.
Elliott F. Talmadge, Principal Boys' Department.
Louise B. Sampson, Principal Woman's Department.
Frances H. Eldredge, Bible.
Blanche Ray Alden, Piano.
Rev. S. G. Barnes, Ph.D., Lit.D., Lecturer, Relations of Literature to Life.

FURMAN UNIVERSITY.

Greenville, S. C. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	139	10	——	4,500

The university was founded by subscriptions of the Baptists of South Carolina. It was formerly the Furman Institution, and was located at Winnsboro, S. C. When it was made a university in 1852, it was moved to Greenville. During the Civil War it was suspended. The presidents have been: Dr. James C. Furman, 1852–1881, and Dr. Charles Manley, elected in 1881. In 1893 the university was made co-educational. The degrees are B.A., B.L., B.S., M.A., and Master of Mathematics and Mechanics. Attendance at chapel or gymnastic drill is not compulsory. Negroes are excluded. The college year is from September 25 to June 18. There are two literary societies: the Adelphian and Philosophian; an Athletic Association, with football, baseball, and tennis clubs; three boarding clubs, and chapters of the following fraternities have been organized: Χ Ψ, 1855; Κ Σ, 1868–1869; Σ Α Ε, 1868–1885; Rainbow, 1871–1875; Κ Α, 1872.

The students publish a monthly magazine. The number of alumni since 1853 is 238, of whom 218 are living. The oldest of these is Rev. John G. Williams, 1855, of Allandale, S. C.

Faculty.

Charles Manly, D.D., President, English.
Charles Hallette Judson, LL.D., Mathematics and Mechanical Philosophy.
Harvey Toliver Cook, A.M., Greek.
William Franklin Watson, A.M., Physics and Chemistry.
Gordon Beverly Moore, D.D., Philosophy.
Herrick Platt Young, A.M., Latin.
Edgar von Fingerlin, Ph.B., Ph.L., Modern Languages.
Marshall Delph Earle, A.M., M.M.P., Math. and Mechanical Philosophy.
Stiles Rivers Mellichamp, A.M., Preparatory Department.
Charles Love Durham, A.M., M.M.P., Assistant.

GALE COLLEGE.

Galesville, Wis. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	65	6	2	3,000

The college was founded in 1856. It is governed by fifteen trustees. Admission is without examination to graduates of high schools. Besides the college course, leading to the degree of B.A., there is a Teachers' Normal School and a Law School. The expenses for the year, lasting from September 13 to June 18, are from $125 to $150, of which $30 is for tuition. Of the two buildings, one is used as a dormitory, while the other serves for purposes of instruction and contains a museum, several laboratories, and a gymnasium In the vicinity of the athletic field is a lake. The students maintain a literary society and an athletic association.

Faculty.

J. George, A.M., D.D., President, History and Pedagogics.
Ella Willey, A.M., Math., English.
B. G. Williams, A.B., Classics.
Rev. J. W. Winder, Ethics and Christian Evidences.
Miss E. H. Kennedy, Music.
Bessie Barr, Art.
Ella Bunn, Librarian.

LECTURERS.

Hon. A. A. Arnold, Government and Contracts.
Hon. G. Y. Freeman, Law.
Edson Rhodes, M.D., Hygiene.
C. P. Bunsen, M.D., Bacteria and Fermentation.
F. A. Bell, M.D., Physiology.

GALLAUDET COLLEGE.

(FOR THE DEAF.)

Washington, D. C. *Co-Educational.* *Non-Sectarian.*

INCOME	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	72	12	2	3,000

Gallaudet College, under the name of the National Deaf-Mute College, was founded by Professor Gallaudet of Yale in 1865. The institution is under the direct auspices of the National Administration and the United States Congress, and has a board of twelve directors consisting of senators and congressmen.

Applicants for admission must be able to express their thoughts in English. Instruction is given in English and other languages, in mathematics and sciences, as well as in drawing and gymnastics. There is a special department in articulation. Degrees of B.A., B.S., A.M., and Ph.D., are given. Expenses are $250 a year, but Congress has voted funds for the aid of poor students. The college year extends from September 18 to June 19.

Faculty.

Edward M. Gallaudet, Ph.D., LL.D., President, Philosophy.
Edward A. Fay, M.A., Ph.D., Languages.
Samuel Porter, M.A., Logic and English Philology.
Rev. John W. Chickering, M.A., Natural Science.
Joseph C. Gordon, M.A., Ph.D., Math., Chem., and Articulation.
John B. Hotchkiss, M.A., History and English.
Amos G. Draper, M.A., Mathematics and Latin.
Charles R. Ely, M.A., Mathematics.
Arthur D. Bryant, B.Ph., Drawing.
Albert F. Adams, B.A., Gymnastics.
Mary T. G. Gordon, Instructor.
Kate H. Fish, Instructor.

GATES COLLEGE.

Neligh, Neb. *Co-Educational.* *Congregational.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$3,200	75	7	4	5,000

The college was located and incorporated in 1881, and opened in 1882. It is governed by eleven trustees. The degree of B.A. is conferred. The expenses are from $125 to $170. There are four scholarships and three loan funds. The annual session lasts from September 9 to June 23. The students maintain the Docendia Literary Society, and publish the "Yearly Index."

Faculty.

George Warren Hinman, A.B., Acting President, Mathematics.
May Belle Chellis, A.M., Latin, Greek, and Literature, and Librarian.
Rev. Charles Anderson, A.M., History, Latin, and Greek.
Herdman Fitzgerald Cleland, A.B., Science.
Christian John Schubert, Director of Conservatory.
Frank W. Ellis, Principal of Business Department.
Etta Fitchie, History and Elocution.
Mrs. Christian J. Schubert, German.
Edward Moore Furman, Latin and English.
Louie Lenora Robinson, Art.
Celia Rundquist, Violin.
Jennie M. Smith, Assistant Librarian.
Mrs. C. C. Taylor, Matron.

GENEVA COLLEGE.

Beaver Falls, Pa. *Co-Educational.* *Reformed Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	237	12	———	4,500

The college was founded by J. B. Johnston in 1848. The presidents have been: John Black Johnston, D.D., 1848–1850; William Finney George, A.M., 1850–1852; James Renwick Willson Sloane, D.D., 1852–1856; John Calvin Knox Milligan, D.D., 1856–1858; David Strang, A.M., 1864–1865; Nathan Robinson Johnston, 1865–1867; Samuel John Crowe, A.M., 1867–1871; William Milroy, A.M., 1871–1872; Henry George, D.D., 1872–1890; and William P. Johnston, 1890.

The college is governed by a board of twenty-three corporators, and by eight trustees. The degrees of B.A., B.S., and M.A. are conferred. Members of the graduating class compete for fourteen prizes of from $10 to $25. Attendance at chapel is compulsory, but not so gymnastic drill. The college year lasts from September 3 to May 28. There are two literary societies, the Adelphic and Theorian, two Christian Associations, and a college publication: "The Geneva Cabinet."

Faculty.

William Pollock Johnston, A.M., D.D., President, Philosophy and English.
George Kennedy, A.M., Librarian, Greek.
William M. Milroy, A.M., B.D., Ph.D., Latin.
William McCracken, A.B., Science.
William H. Wilson, A.M., Math.
James M. Coleman, A.M., Political History and Philosophy.
T. D. McCloskey, Academic Department and Gymnastics.
Grace P. Morehead, German.
Morris Stephens, Vocal Culture.
Frances E. Waddle, A.M., Piano.
Edith L. Winn, Stringed Instruments.
Frances A. Heath, Oratory.

GEORGETOWN COLLEGE.

Georgetown, Ky. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,000	340	13	——	10,000

The college was founded in 1839. Tuition is from $30 to $50, with other expenses, ranging from $80 to $150, for the year, ending on June 11. Graduates number 300, of whom the oldest is B. F. Bradley, 1847, of Georgetown, Ky. The president is A. C. Davidson, A.M., D.D.

(*Further information lacking.*)

GEORGETOWN UNIVERSITY.

Washington, D. C. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	725	85	9	70,000

Georgetown University was founded by Archbishop John Carroll in 1789 on Georgetown Heights, two and a half miles from the Capitol, where it still stands. It was the first Catholic college in the country, and opened its doors to students in 1791. It was recognized by Congress as a university in 1815, and was empowered to grant degrees in philosophy and theology in 1833. An observatory was established in 1843. A college of medicine was added in 1851, to be followed by a law school in 1870. The present buildings were begun in 1878. They have a frontage of eight hundred feet, and are surrounded by seventy-eight acres of ground. The presidents have been: the Rev. Drs. Plunkett, 1791–1793; Robert Molyneux, 1793–1796; William L. DuBourg, 1796–1799; Leonard Neale, D.D., 1799–1806; Robert Molyneux, S.J., 1806–1808; William Matthews, 1808–1810; Francis Neale, S.J., 1810–1812; John Grassi, S.J., 1812–1817; Benedict J. Fenwick, S.J., 1817–1818; Anthony Kohlmann, S.J., 1818–1820; Enoch Fenwick, S.J., 1820–1822; Benedict J. Fenwick, S.J., 1822–1825; Stephen Larigaudelle Dubuisson, S.J., 1825–1826; William Feiner, S.J., 1826–1829; John William Beschter, S.J., 1829; Thomas F. Mulledy, S.J., 1829–1837; William McSherry, S.J., 1837–1840; Joseph A. Lopez, S.J., 1840; James Ryder, S.J., 1840–1845; Samuel A. Mulledy, S.J., 1845; Thomas F. Mulledy, S.J., 1845–1848; James Ryder, S.J., 1848–1851; Charles H. Stonestreet, S.J., 1851–1852; Bernard A. Maguire, S.J., 1852–1858; John Early, S.J., 1858–1865; Bernard A. Maguire, S.J., 1866–1870; John Early, S.J., 1870–1873; Patrick F. Healy, S.J., 1873–1882; James A. Doonan, S.J., 1882–1888; Joseph Havens Richards, S.J., 1888 to the present.

Admission, Degrees, etc.: From certain preparatory schools students are admitted on certificates, in all other cases only after exam-

ination. The degrees are B.A., M.A., and Ph.D., besides the degrees granted by the professional schools. Attendance at chapel is compulsory, but not so drill. The college year lasts from the second Wednesday in September to the fourth Tuesday in June.

Dues, Scholarships, and Prizes: The total expenses for the year are $337. Prizes of $25 are given to the best students in philosophy, English history, and Oriental literature; and fourteen gold medals and thirty silver medals are conferred for excellence in numerous specified studies.

College Societies and Publications: The college grounds cover seventy acres. The seniors' campus measures 400 x 500 feet, while that of the juniors measures 270 x 350. There is no adequate gymnasium or college hospital. The school of medicine is in Washington City at 920 H Street, N. W., while the law school is at 506 E Street, N. W. Besides four religious societies, an alumni association, and athletic association, there is a debating club and historical society, a glee club, students' library, and a junior sodality with a library. Tau Theta Kappa, a literary society organized among the students, dates back many years. The "College Journal" is published, and the observatory issues regular reports of its observations and discoveries.

Faculty.

Rev. J. Havens Richards, S.J., President.
Rev. Francis P. Powers, S.J., Vice-President, Christian Doctrine.
Rev. Edward H. Welch, S.J., Chaplain.
Rev. Edward McTammany, S.J., French and Calculus.
Rev. Jerome Daugherty, S.J., Calculus.
Rev. Edward I. Devitt, S.J., Logic, Metaphysics, and Ethics.
Rev. Robert Fulton, S.J., English Literature.
Rev. John G. Hagen, S.J., Astronomy and Director of Observatory.
Rev. George A. Fargis, S.J., Rev. John T. Hedrick, S.J., Assistant Astronomers.
John J. Thompkins, S.J., Physics, Mechanics, Geology, Trigonometry, and Analytical Geometry.
Rev. John W. Fox, S.J., Chemistry.
Rev. Laurence J. Kavanagh, S.J., Rhetoric and Literature.
Rev. Daniel J. MacGoldrick, S.J., History and Geometry.
Rev. Joseph A. Gorman, S.J., Analytical Geometry and Calculus.
Michael A. Mess, A.M., German.
Henry Donch, Orchestral Instruments.
Armand Gumprecht, Organ and Piano.
James B. Becker, S.J., Poetry.
Rev. J. F. X. Mulvaney, S.J., First Grammar.
Rev. A. Coppens, S.J., French, and Librarian.
John W. Corbett, S.J., Higher Algeb.
Rev. W. F. Gannon, S.J., Patrick F. O'Gorman, S.J., John T. Conwell, S.J., John B. Butler, S.J., Assistant Prefects.
Joseph Schneider, W. F. McLauchlin, A.B., Assistant Librarians.

SCHOOL OF MEDICINE.

J. W. H. Lovejoy, A.M., M.D., President of Faculty.
Samuel C. Busey, LL.D., M.D., Emeritus.
G. L. Magruder, A.M., M.D., Dean of Faculty.
Joseph Taber Johnson, A.M., Ph.D., M.D., Gynecology.
C. H. A. Kleinschmidt, Ph.D., M.D., Physiology.
Frank Baker, A.M., Ph.D., M.D., Anatomy.
John J. Stafford, A.M., M.D., Chemistry and Toxicology.
Henry D. Fry, M.D., Obstetrics.
William H. Hawkes, A.M., M.D., Materia Medica, Therapeutics, and Diseases of Children.
James Kerr, M.D., M.Ch., Surgery.
Swan M. Burnett, Ph.D., M D., Ophthalmology and Otology.
John W. Bayne, M.D., Clin. Surgery.

I. W. Blackburn, M.D., General Pathology and Histology.
C. V. N. Callan, M.D., Clin. Medicine.
Harrison Crook, M.D., Clin. Surgery.
A. H. Witmer, M.D., Ment. Diseases.
F. T. Chamberlin, M.D., Laryngology.
M. F. Cuthbert, M.D., Clin. Medicine.
J. J. Kinyoun, M.D., Hygiene and Bacteriology.
I. S. Stone, M.D., Gynecology.
Wardell Stiles, A.M., Ph.D., Medical Zoölogy.
W. C. Woodward, M.D., Medical Jurisprudence.
W. H. Coffron, B.S., M.D., Chem.
Hugh M. Smith, M.D., General Pathology and Histology.
J. F. Moran, M.D., Anatomy.
W. Sinclair Bowen, M.D., Obstetrics.
Ralph H. Ross, M.D., E. B. Olmsted, M.D., R. B. Brummett, M.D., Anatomy.
S. E. Watkins, M.D., Dermatology and Genito-Urinary Diseases.
George J. Lochboehler, M.D., Materia Medica and Therapeutics.
Austin O'Malley, Ph.D., M.D., Hygiene and Bacteriology.
G. L. Magruder, A.M., M.D., Dean and Treasurer.

SCHOOL OF LAW.

Hon. Henry B. Brown, LL.D., Admiralty Jurisprudence.
Hon. Martin F. Morris, LL.D., Constitutional and International Law.
Hon. Seth Shepard, Law of Corporations and Equity Jurisprudence.
Hon. Jeremiah M. Wilson, LL.D., Law of Real Estate and of Evidence.
Joseph J. Darlington, LL.D., Law of Personal Property, Contracts, and Negotiable Paper.
George E. Hamilton, LL.D., Practice, Testamentary Law, and Equity Pleading and Practice.
R. Ross Perry, A.M., LL.D., Common Law Pleading, Criminal Law, and Domestic Relations.
Rev. Rene Holaind, S.J., Nat. Law.
Tallmadge A. Lambert, LL.D., Civil Law.
Charles A. Douglass, Law of Torts.
Michael J. Colbert, A.M., from Circuit Court.
Tallmadge A. Lambert, Job Barnard, and Henry Wise Garnett, from Court of Appeals.
Samuel M. Yeatman, A.M., Secretary and Treasurer.

GIRARD COLLEGE.

Philadelphia, Penn. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,031,849	1665	62	13	13,022

Girard College was founded in 1848. It is governed by the board of directors of city trusts of Philadelphia, thirteen in number. The first president was Alexander Dallas Bache, LL.D., elected in 1836, but the college was not opened until 1848. Hon. Joel Jones was the first acting president in 1847; he was succeeded by William Henry Allen, LL.D., in 1849. In 1863 President Allen was succeeded by Richard Somers Smith, A.M. In 1867 President Smith was succeeded by Ex-President Allen, who served until his death. The present incumbent, A. H. Fetterolf, LL.D., was elected in 1882.

The development of manual training and mechanical instruction in which Girard College stands so high, is due largely to the efforts of the late Richard Vaux, who was long a member of the board of directors. As a consequence of this development fifty per cent of the graduates, some 3,000 in number, are engaged in clerical and

mercantile pursuits. Under the will of the founder negroes are excluded. Attendance at chapel and at gymnastics and military drill are compulsory. Theodore A. De Dow, 1855, is the oldest living graduate. The college, which has never been moved, stands on grounds covering some forty acres. The most noticeable events of the college year are New Year's Day, when the annual distribution of premiums takes place, and Founder's Day which occurs on May 20.

Faculty.

Adam H. Fetteroll, Ph.D., LL.D., President.
Winthrop D. Sheldon, A.M., Vice-President.
George J. Becker, Drawing.
N. Wiley Thomas, Ph.D., Chemistry and Physics.
Frederick Prime, Jr., A.M., Ph.D., Natural History.
C. Addison Willis, M.E., Math.
Mme. S. Anna Simon, French.
Archibald Cobb, Phonography.
Warren Holden, A.M., Mathematics.
James N. Walker, A.M., English and Literature.
John K. Harley, M.E., Penmanship and Book-keeping.
Calixto Guiteras, Spanish.
Capt. Frank A. Edwards, First Cav., U.S.A., Mil. Science and Tactics.
Marian B. Heritage, Elocution.
Mary Lynch, Librarian.
George P. Rupp, Assistant Librarian.
Charlotte E. Overn, Hessy R. Miller, Emily P. Town, Harriet Braddock, Inez E. Walsh, Elizabeth McDuffee, Mary D. Ware, Virginia B. Tucker, Susan B. Price, Martha G. McLaughlin, Margaret Wylie, Teachers in Third School.
Louise St. C. Wolf, Mary E. Robb, Annie D. Swift, Jane Peoples, Katharine H. Brophy, Laura E. Baymore, Alice W. Cox, Bessie Sharp, Mary Peoples, Eva Roberts, Helen Long, Bessie Burnett, Teachers in Second School.
Emily E. Payne, Emma B. Develin, Clara G. Duffy, Georgie A. Currie, C. Jessica J. Donnelly, Iona M. Nowlen, Carmelita E. Boettger, Helen A. Wilson, Charlotte A. Ragotzky, Kate L. Morgan, A. Tillie Shenk, Nellie Albrecht, Jane Knox Jackson, Teachers in First School.
Thomas A'Becket, Thomas Winn, Vocal Music.
Fanny West, Drawing.
George Bastert, Brass Band.
Louis Lewis, Gymnastics.

MECHANICAL SCHOOL.

T. R. Coggeshall, Superintendent.
Robert H. Clinger, Carpentry.
Davis Eavenson, Wood-turning.
John W. Breen Blacksmithing.
George A. Peddle, Iron Work.
Charles M. Knapp, Elec. Mechanics.
John Uprichard, Plumbing.
Chas. S. Williamson, Mech. Drawing.

GRAND RIVER CHRISTIAN UNION COLLEGE.

Edinburg, Mo. *Co-Educational.* *Christian Union.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,000	140	11	2	500

The college was organized as Grand River Academy in 1850, but was not incorporated until 1859. During this interval the original building was destroyed by fire in 1853, and replaced by a new one in 1858. The school was the first co-educational institution in the State. It is governed by twelve directors and six trustees. Admission is by

examination and upon certificate. Besides the college curriculum leading to degrees of B.A., B.S., and B.L., courses in theology, business, music, and art are offered. Attendance at chapel is required. In the college all "gallanting and loafing, the use of tobacco, or the carrying of dangerous and deadly weapons" is strictly prohibited. The expenses for the year, lasting from September 15 to May 6, are from $100 to $130, of which $26 is for tuition. The college grounds cover four acres of fine blue grass. The buildings consist of the old college structure, and a dormitory for women. The library contains several hundred volumes. The students maintain the Alpha-Philomathian, and a Christian Endeavor Society.

Faculty.

Rev. George W. Mitchell, D.D., President, Theology and Philosophy.
Rev. J. V. B. Flack, D.D., Church History,
R. T. Boyd, A.B., Latin and Greek.
N. E. Stephenson, B.L., Mathematics and English.
W. H. Winningham, M.D., Physiol'y.
T. V. Williams, M.D., Hygiene, etc.
Mayme Garrett, Music.
Beatrice Rice, Elocution.
Olevia DePriest, Art.
Artelia Smith, Primary Studies.
H. S. Mitchell, Librarian.

GREENSBORO FEMALE COLLEGE.

Greensboro, N. C. *Women.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$33,000	160	20	1	25,000

The college was founded in 1837; the corner-stone was laid in 1843, and in 1846 the building was completed. The founders were the members of North Carolina Conference which met at Petersburg. A Faculty was selected in 1847. The college was burned in 1864, and rebuilt in 1875. The presidents have been: Rev. Solomon Lea, 1846–1847; Rev. A. M. Shipp, 1847–1850; Rev. Charles F. Deems, 1850–1854; Rev. T. M. Jones, 1854–1890; Dr. B. F. Dixon, 1890–1893; Rev. F. L. Reid, 1893–1894, and Dred Peacock, the present incumbent. The college is governed by seven directors. The degree is B.A. It is conferred after completion of the entire English course and a course in at least one ancient or modern language. Candidates are admitted on certificate. The expenses are $160 a year. Attendance at chapel is compulsory. Negroes are excluded. The college year lasts from September 1 to May 25.

The college grounds cover forty acres. There are two literary societies, the Irving and the Emerson, a Woman's Christian Temperance Union, and the Marvin Missionary Society. "The College Message" is published.

Faculty.

Dred Peacock, A.B., A.M., President, German.
Mrs. Z. A. Long, Lady Principal.
Charles L. Raper, A.B., Latin, Science, and Metaphysics.
Lillian Long, English and History.

Minnie H. Moore, Mathematics.
Annie M. Page, French and English.
Ava L. Fleming, Latin and English.
Alice Brown, English Lit., History.
J. W. Parker, Piano and Voice Culture.
Anne M. Snead, Piano.
Catharine F. Heiskell, Drawing and Painting.
Alta B. Cozart, A.B., Elocution.
Bettie Armfield, Business Department.
Rev. J. H. Weaver, D.D., Chaplain.
Maie Carr, Librarian.
Fannie Armfield, Supervisor of Health.
Mrs. L. A. Rees, Matron.
J. A. Odell, Treasurer.
Leila G. McGirt, Assistant Treasurer.

GREENVILLE AND TUSCULUM COLLEGE.

Tusculum, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	160	7	———	7,800

Greenville and Blount colleges were founded in 1794. In 1839 the colleges were moved into Greenville. Instruction was suspended from 1847–1854. In 1872 Tusculum College was combined with the older school. Tuition is from $30 to $40, with other expenses for the year, ending May 8, aggregating $100. Instruction is given in preparatory, normal, musical, and collegiate branches, leading to the degree of A.B. The president is Rev. J. Moore, D.D.

(*Further information lacking.*)

GRISWOLD COLLEGE.

Davenport, Iowa. *Co-Educational.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$40,000	180	26	4	10,000

The college was founded in 1859 on property purchased from Iowa College. Admission is on certificate. Instruction is given in the classics, sciences, and military tactics. The degrees of A.B. and B.S., the latter after but three years, are conferred. Tuition for the year, ending on June 10, is $110. Connected with the college is a theological department. The graduates number 1,150, of whom more than 800 are living. The oldest of these is S. R. J. Hoyt, D.D., 1862, of Davenport. The president is the Rev. C. H. Seymour, D.D.

(*Further information lacking.*)

GROVE CITY COLLEGE.

Grove City, Penn. *Co-Educational.* *Evangelical.*

Income,	Students,	Instructors,	Buildings,	Books,
—	573	16	6	—

Grove City Academy was incorporated in 1879, and became a college in 1884. The trustees number thirty-one, and elect their own successors. A preparatory department and five graduate courses are maintained. Degrees of B.A., B.S., B.Ph., and in didactics are conferred. The annual session lasts from September 10 to June 17. The college grounds cover twenty acres. Four literary societies are maintained by the students. Since 1876 five thousand students have attended.

Faculty.

Rev. Isaac C. Ketler, Ph.D., D.D., President, Mental Sci., Philosophy.
Rev. Jas. B. McClelland, A.M., Greek.
Rev. John A. Courtney, A.M., Math.
Rev. Samuel Dodds, A.M., Ph.D., Physics and Chemistry.
Morgan Barnes, A.M., Latin.
Capt. William A. Thompson, Military Science and Tactics.
Mary H. Brown, A.M., French and German.
Jennie A. Dale, A.B., History, Chem.
Rev. J. J. Thompson, A.M., Latin and Mathematics.
Herr Hermann Pœhlmann, Director of Music, Piano, and Harmony.
Johanna Christina Pœhlmann, Voice.
Stella McKay, Piano.
Effie Aleen Thompson, Fine Arts.
L. W. Barton, Business Department.
Thomas C. Rankin, A.B., Telegraphy.
M. Elizabeth Kugler, A.M., Stenography and Typewriting.
Lizzie L. Hughes, M.L.A., Librarian.

GUILFORD COLLEGE.

Guilford, N. C. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,000	239	10	5	2,500

The school was founded by the North Carolina Yearly Meeting of Friends, and was opened as the new Garden Boarding School in 1837, with twenty-five girls and twenty-five boys in attendance. Owing to the hostility of the legislature no college charter could be obtained till 1888. In 1885 a fire destroyed King Hall, the main building. It is governed by thirteen trustees. The courses are classical, Latin-scientific, scientific, and preparatory. The expenses are from $167 to $171. Attendance at chapel is compulsory. Bryn Mawr offers a scholarship of $400 to women graduates of Guilford. The students issue the "Guilford Collegian," and maintain three literary societies: the Websterian, the Henry Clay, the Philagorean; and a baseball team.

Faculty.

Lewis Lyndon Hobbs, A.M., President, Latin, Philosophy.
Mary E. Mendenhall, B.S., English and Librarian.
J. Franklin Davis, A.M., Greek and German.
George W. White, A.B., Mathematics.
Walter W. Haviland, A.B., Mathematics and History.
A. W. Blair, A.M., Nat. Sci., History.
Louisa Osborne, A.B., Governess, Latin.
Lydia N. Blair, A.B., Principal of Preparatory Department, English.
Lillian J. Hill, Drawing and Painting.
Adah Craven, Music.
L. M. H. Reynolds, A.B., Preparatory Department.
Laura D. Worth, B.S., Phys. Training.
Priscilla B. Hackney, Matron.

GUSTAVUS ADOLPHUS COLLEGE.

St. Peter, Minn. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$23,000	269	16	9	11,138

The college was founded in 1879. It is supported and controlled by the Minnesota Conference of the Evangelical Lutheran Augustana Synod. The government is vested in a board of twelve directors, and in the Faculty, the members of which are permanently elected. The degrees are B.A., with diplomas for accounts and music. The expenses are $140 for thirty-three weeks. The college year lasts from September 8 to May 20. Besides a missionary society and a literary society, called the Philomithian, there are six musical associations. The alumni hold a reunion every fifth year.

Faculty.

Rev. Matthias Wahlstrom, Ph.D., President, Greek and Christianity.
Rev. Jacob P. Uhler, Ph.D., Mathematics and Natural Sciences.
Johan S. Carlson, Ph.D., History, Philosophy, and Political Science.
Oscar A. Allen, M.Accts., Commercial Department.
Rev. John Sander, A.M., Latin and German.
Reinhold Lagerstrom, Mus.D., Music.
Joshua A. Edquist, A.M., Science and History.
Karl A. Kilander, T.F., S.M.K., Swedish.
John A. Youngquist, A.B., Languages and Mathematics.
Alfred C. Carlson, A.B., English.
Inez Rundstrom, B.S., F.K., Lady Principal, Mathematics.
Andrew Kempe, A.B., Shorthand and Typewriting.
Isaac M. Anderson, A.B., B.S., Greek.
Albert Lagerstrom, Vocal Music.
Anna M. Pehrson, Voice Culture.
Aaron E. Pearson, Violin.
Anna B. E. Olson, B.Accts., Penmanship.
H. A. Tomlinson, M.D., H. D. Valin, M.D., Special Lecturers.

HAMILTON COLLEGE.

Clinton, N. Y. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,000	160	17	9	35,000

Hamilton College was chartered in 1812. The presidents since that time have been the Revs.: Azel Backus, D.D., 1812–1816; Henry Davis, D.D., 1817–1833; Sereno E. Dwight, D.D., 1833–1835; Joseph Penny, D.D., 1835–1839; Simeon North, L.L.D., 1839–1857; Samuel W. Fisher, D.D., LL.D., 1858–1866; Samuel G. Brown, D.D., LL.D., 1866–1881; Henry Darling, D.D., LL.D., 1881–1891; and M. Woolsey Stryker, D.D., LL.D., 1892 to the present time.

The college is governed by twenty-eight trustees. Admission is given upon certificates from the State regents or from approved preparatory schools. Degrees of B.A., B.S., B.L., B.Ph., A.M., and M.S. are given after a required number of studies in appropriate courses have been successfully passed. Attendance at chapel and at gymnastic exercises is compulsory. Negroes are admitted. The college year is from September 19 to June 25. The total expenses for the year are from $280 to $380. Candidates for the ministry may receive from $80 to $100 a year. There are forty scholarships yielding incomes of from $60 to $100. Besides this there are four prize scholarships, one prize fellowship, and a number of other prizes for seniors.

Besides the Emerson Literary Society, there is an athletic, football, baseball, and tennis association, with their respective teams, a glee and banjo club, and a Y. M. C. A., dating back to 1824. Chapters of the following fraternities have been established: Φ B K, Σ Φ, 1831; Λ Δ Φ, 1832; Ψ Υ, 1843; X Ψ, 1845; Δ Υ, 1847; Δ K E, 1856; Θ Δ X, 1867. The students publish the "Hamiltonian," and the "Pink," an annual. The alumni number 2,771, of whom 1,843 are living. The oldest of these is James Voorhees, 1826, of Pittsford, N. Y.

Faculty.

Melancthon Woolsey Stryker, D.D., LL.D., President, Christian Evidence and Ethics.
Edward North, LL.D., L.H.D., Greek.
Rev. Oren Root, D.D., L.H.D., Math.
Rev. Abel Grosvenor Hopkins, Ph.D., Latin.
Herman Carl George Brandt, Ph.D., German, French, and Philology.
Rev. William Rogers Terrett, D.D., Amer. Hist., Constitutional Law.
Albro David Morrill, A.M., M.S., Biology.
Charles Henry Smyth, Jr., Ph.D., Geology and Mineralogy.
Rev. William Harder Squires, A.M., Psychology, Logic, and Hebrew.
Samuel J. Saunders, D.Sc., Physics and Astronomy.
Brainard Gardner Smith, A.M., Rhetoric and Oratory.
Edward Fitch, A.M., Greek.
Melvin Gilbert Dodge, A.M., Librarian, Chemistry.
Delos De Wolf Smyth, A.M., Municipal Law and History.
William Pierce Shepard, A.M., French, Italian, and Romance Philology.
Joseph Darling Ibbotson, A.M., Eng. Literature.
Howard H. Higbee, A.B., Ph.D., Chemistry.
Thomas F. Nichols, A.B., Ph.D., Mathematics.

HAMLIN UNIVERSITY.

Hamlin, Minn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,304	300	11	3	6,000

The university, which is located midway between St. Paul and Indianapolis, was founded in 1854. It is governed by twenty trustees. A classical and a Latin-scientific course lead to degrees of B.A., and B.Ph. The expenses for the college year, lasting from September 17 to June 4, are within $200.

There are four literary societies, the Philomathian and the Amphictyon for men, and the Browning and Athenian for women. There are also two Christian Associations, and an oratorical association.

Faculty.

Rev. George H. Bridgman, LL.D., President, Philosophy.
Rev. George S. Innis, Ph.D., History, and Librarian.
Loren H. Batchelder, A.M., Chemistry and Physics.
Erastus F. Mearkle, LL.B., Mathematics.
Milton J. Griffin, A.M., Greek.
Henry L. Osborn, Ph.D., Biol., Geol.
William E. Thompson, A.M., Latin.
Arthur Z. Drew, A.M., Mathematics.
Ella S. Gold, Acting Preceptress.
E. E. McDermott, Elocution.
H. H. Clark, Vocal Music.
Mrs. H. L. Osborn, Piano.
Jeanette R. Evans, Elocution.
R. P. Kaighn, Physical Director.

HAMPDEN-SIDNEY COLLEGE.

Farmville, Va. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,500	109	8	3	15,090

Hampden-Sidney was incorporated as an academy in 1783. The presidents have been: Samuel Stanhope Smith, D.D., 1775–1779; John Blair Smith, D.D., 1779–1789; Drury Lacy, A.M., 1789–1797; Archibald Alexander, D.D., 1797–1806; William S. Reid, D.D., president during remainder of the year; Moses Hoge, D.D., 1807–1820; Jonathan P. Cushing, A.M., 1821–1835; George A. Baxter, D.D., 1835–1836; Daniel Lynn Carroll, D.D., 1835–1838; William Maxwell, LL.D., 1838–1844; Patrick J. Sparrow, D.D., 1845–1847; S. B. Wilson, D.D., 1847–1848; Lewis W. Green, D.D., 1848–1856; Albert L. Holladay, 1856; John M. P. Atkinson, D.D., 1857–1883; Richard McIlwaine, D.D., 1883 till the present time.

The college is governed by a board of twenty-one trustees. It confers the degree of B.A. only. The fees are $76 a year. There are two prize scholarships, and fourteen other scholarships, two of which are for ministerial students, while eleven are given by local branches of the alumni. Of the two literary societies the Union was organized in 1789, and the Philanthropic in 1805. They meet twice

annually in debate, and jointly issue a college magazine. The College Historical Society makes research in local and State history its prime object. Chapters of the following fraternities have been organized: Β Θ Π, 1850; Φ Κ Ψ, 1855; Σ Α Ε, 1860–1861; Χ Φ, 1867; Φ Γ Δ, 1870; Σ Χ, 1872–1879; Κ Σ, 1883; Φ Α Χ, 1884; Π Κ Α, 1885.

Faculty.

Rev. Richard McIlwaine, D.D., President, Philosophy.
Walter Blair, A.M., D.L., Latin, Ger.
James R. Thornton, A.M., Mathemat.
Henry C. Brock, B.Lit., Greek, French.
J. H. C. Bagby, M.A., M.E., Ph.D., Physical Science.
Henry R. McIlwaine, A.B., Ph.D., English, History, and Librarian.
C. W. Sommerville, A.B., B.Sc., Latin and German.
Henry Irving Brock, A.B., Latin, Greek, and Mathematics.
W. J. King, Physical Culture.

HAMPTON INSTITUTE.

Hampton, Va. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$149,999	972	80	9	7,000

History and Organization: Hampton Institute was founded by General S. C. Armstrong in 1868, and was conducted and managed by him till his death in 1893. He was succeeded by H. D. Frissell, D.D. It is governed by seventeen trustees and six State curators. The students of the institute are either negroes or Indians. Originally the school was intended only for negroes, but in 1878 Indians of Florida, who had been held as prisoners of war, were received. Tuition is free, the estimated cost of instructing each pupil being from $50 to $70. Instruction is given in the liberal arts, as well as in industrial and mechanical pursuits. Attendance at chapel, gymnastics, and military drill is compulsory. The academic year lasts from the first week in October to the middle of June.

Equipment: The grounds of the school extend over one hundred and fifty acres, and comprise some sixty buildings, among which are the Whittier School, the Normal School, the Indian School, and a Night School, as well as a gymnasium, library, and observatory.

Societies and Publications: The Indian students publish "Talks and Thoughts;" the negroes publish "The Beacon;" while the institute as such publishes the "Southern Workman." The societies are the Lyceum League, Lend-a-Hand, several Christian and Endeavor Associations, and an Athletic Association, with a football and baseball team. The graduates number 840, the oldest of whom is Jonas A. Fields, 1871, of Newport News.

Faculty.

Rev. H. B. Frissell, D.D., Principal.
Rev. H. B. Turner, Pastor.
George Foster Peabody, Treasurer.
F. Chichester, Assistant Treasurer.
Albert Howe, Sup't of Industries.
Francis C. Briggs, Business Agent.
Martha M. Waldron, Res. Physician.
Elizabeth Clark, Lady Principal.

Elizabeth Hyde, Academic Dep't.
Josephine E. Richards, Indian Dep't.
Robert B. Moton, Mil. Commandant.
Leonora E. Herron, Librarian.

GIRLS' INDUSTRIAL SCHOOL.

Elizabeth Clark, Josephine E. Richards, Mary T. Galpin, Jessie W. Williams, Nina Forsythe, Lucy A. Seymour, Emily L. Austin, Julia A. Williamson, Clara L. Blodgett, Harriet M. Howe, Julia E. Pratt, Sarah M. Howland, Vincentine T. Booth, Clara Woodward, Harriet H. Titlow, Claire Blieler, Helen Townsend, Mary F. Andrus, Susan A. Berry, Sarah A. Clements.

BOYS' INDUSTRIAL SCHOOL.

J. J. Wilson, Superintendent.
John G. Hartelius, Carpentry.
E. M. Haines, Saw Mill.
Charles A. Bartlett, Planing Mill.
John Sugden, Carpentry.
Geo. W. King, Pierce Machine Shop.
H. N. G. Corson, Wheelwright and Blacksmith Shops.
William H. Gaddis, Harness Shop.
J. E. Smith, Shoe Shop.
J. F. La Crosse, Paint Shop.
W. F. Baker, Tin Shop.
C. W. Betts, Printing Department.
G. Vaiden, Gas, Steam, and Engineer Department.

AGRICULTURE.

Albert Howe, Superintendent.
C. L. Goodrich, Agriculture.
G. J. Davis, Home Farm.
Henry E. Jordan, Hemenway Farm.

TRADE SCHOOL.

C. C. Tucker, Superintendent.
I. S. Lindley, Carpentry.
D. R. Lewis, Mechanical Drawing.

HANOVER COLLEGE.

Hanover, Md. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	175	14	5	13,000

The college began in 1827 in a log cabin; was incorporated in 1828; became a synodical school in 1829, and in 1833 received its present name. It was opened to women in 1880. The presidents have been: James E. Blythe, D.D., 1832–1836; Duncan McCauley, D.D., 1836–1838; Erasmus Darwin MacMaster, D.D., LL.D., 1838–1843; Sylvester Scovel, D.D., 1846–1849; Thomas E. Thomas, D.D., 1849–1854; Jonathan Edwards, D.D., LL.D., 1855–1857; James Wood, D.D., 1859–1866; George D. Archibald, D.D., 1868–1870; George C. Heckman, D.D., LL.D., 1870–1879; Daniel W. Fisher, DD., LL.D., 1879 to the present.

The school is governed by a board of thirty-two trustees. The degrees are B.A., B.S., M.A., Ph.D., and LL.D. Tuition is free; expenses are from $150 to $200. Attendance at chapel is compulsory; gymnastic, and military drill are not required. Negroes are excluded. The college year lasts from September 16 to June 16.

Of the four literary societies, the Union and Philalethian are for men, and the Zetalethian and Crestomathian for women. Together they own 2,000 books. Besides this there are two Christian Associations, an Alumni Association, and chapters of the following fraternities: Β Θ Π, 1853; Φ Γ Δ, 1864; Φ Δ Θ, 1860; Σ Χ, 1871; Δ Τ Δ, 1872; Δ Γ, 1881; Π Κ Α, 1885.

Faculty.

D. W. Fisher, D.D., LL.D., President, Philosophy.
Rev. Joshua B. Garritt, A.M., Ph.D., Greek, and Secretary of Faculty.
Frank Lyford Morse, A.M., Ph.D., Mathematics.
A. Harvey Young, A.M., Ph.D., Natural Sciences, and Registrar.
Rev. A. P. Keil, A.M., Ph.D., Latin and Modern Languages.
Rev. P. H. K. McComb, A.M., Hist.
Glenn Culbertson, A.M., Physics, Astronomy, and Geology.
John F. Lowes, A.M., Ethics and Christian Evidences.
John J. Francis, D.D., Lecturer on English Literature.
Josephine H. Chamberlin, Piano and Organ.
Gertrude Morse, A.B., Latin.
Henry S. Thompson, Tutor.
Leila Garritt, Librarian.

HARVARD UNIVERSITY.

Cambridge, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,084,000	3,800	366	56	466,410

History: Harvard University, the oldest school in America, was founded in 1636, six years after the first settlement of Boston. The Commonwealth of Massachusetts, through its General Court in that year, made a grant of £400 "to advance learning and perpetuate it to posterity," and in the following year appointed twelve of the principal men in the colony "to take order for a college at Newtown." Two years afterward the Rev. John Harvard, a non-conformist clergyman of Charlestown, who the year before had graduated at Emmanuel College, Cambridge University, gave by his will the sum of £779 17*s.* 2*d.* in money, and three hundred books, more than half of his estate. Nine students entered the first class. All of these distinguished themselves in after life; one of them, Sir George Downing, achieving the unenviable distinction of serving both the Commonwealth and the king in the English Revolution. Two other members of the class upon graduating were publicly rebuked for "foul misbehavior, in swearing and ribaldry speech." John Harvard's bequest was followed by other gifts, such as "a font of printing letters," books, silver spoons, cooking utensils, garden tools, and others, varying in value from three shillings to two hundred pounds. The first gift of real estate was two and one-half acres of land given by the town of Cambridge, thereby changing the site of the college from Newtown to Cambridge. The General Court, in lieu of the money it had promised, granted to Harvard College the right of ferry between Charlestown and Boston. In 1642, the board of overseers, consisting of the governor and deputy-governor of the colony, the magistrates then in jurisdiction, the president of the college, and the teaching elders was constituted. In 1643 the present seal of the university and its motto, "Christo et Ecclesiae," was adopted. The college charter was granted in 1650, and the college

"corporation" created. In 1653, Rev. Henry Dunster, the first president, fell under suspicion of favoring the Antipoedobaptists, and as a consequence was indicted by the grand jury for "disturbing the ordinance of infant baptism in the Cambridge Church." He was tried, convicted, and besides being compelled to resign, and being laid under bonds for good behavior, was sentenced to receive an admonition once a year. Previous to this Nathaniel Eaton, the first person who had charge of the institution, was dismissed for beating his usher. The presidents in succession, with their terms of office, have been as follows: Henry Dunster, 1640–1654; Charles Chauncy, 1654–1672; Leonard Hoar, 1672–1675; Urian Oakes, Acting President, 1675–1679, President, 1679–1681; John Rogers, 1682–1684; Increase Mather, Acting President, 1685–1686, Rector, 1686–1692, President, 1692–1701; Charles Morton, Vice-President, 1697–1698; Samuel Willard, Vice-President, 1700–1707; John Leverett, 1707–1724; Benjamin Wadsworth, 1725–1737; Edward Holyoke, 1737–1769; Samuel Locke, 1770–1773; Samuel Langdon, 1774–1780; Joseph Willard, 1781–1804; Samuel Webber, 1806–1810; John Thornton Kirkland, 1810–1828; Josiah Quincy, 1829–1845; Edward Everett, 1846–1849; Jared Sparks, 1849–1853; James Walker, 1853–1860; Cornelius Conway Felton, 1860–1862; Thomas Hill, 1862–1868; Charles William Eliot, 1869 to the present time.

During the term of the second president a hall, costing £350, was erected for the purpose of giving instruction to Indians, but one Indian only applied for admittance, and was graduated by the college. Before this a single building had served all the purposes of the college. All the college halls that were erected after this during the seventeenth century were subsequently rased or destroyed, so that the oldest building now standing on the Harvard yard is Massachusetts Hall, erected in 1720.

Harvard College from that time on prospered. Thus, during the first ten years, no less than £2,000 in money, and nine hundred acres of land had been given to the college. The total grants made by the legislature of the colony during the first century aggregated £8,000. Since that time no year has passed in which some gift of money or land has not fallen to Harvard College. The history of the college is usually divided into four periods: the first from the foundation till 1692, when it was avowedly a theological institution; the second from the accession of President Holyoke to the end of its first century, taken up with bitter religious controversies; the third from 1738 till accession of President Eliot, when it was a college proper, and the last when it became a university.

Organization: The legal title of the corporation is "The President and Fellows of Harvard College." It consists of the president of the university, five fellows, and the treasurer. The board of overseers, all of whom are elective, consists of thirty members. The university is divided into the following departments, with separate faculties or boards of administration: Harvard College, Lawrence Scientific School, Graduate School, Divinity School, Law School, Medical School, Dental School, School of Veterinary Medicine, Bussey Institution (a School of Agriculture), Arnold Arboretum,

University Library, Museum of Comparative Zoölogy, University Museum, Botanic Garden, Herbarium, Astronomical Observatory, Peabody Museum of American Archæology and Ethnology. Radcliffe College, formerly known as the Harvard Annex for Women, though intimately connected with the university, is still a separate institution. The first three departments are governed by the faculty of arts and sciences. In addition to this there is an administrative board of sixteen members of the Faculty for Harvard College proper.

Admission, Instruction, and Degrees: Candidates for admission are examined in writing in a stated number of subjects. The examinations for admission embrace two classes of studies, elementary and advanced, and are by common consent considered to be the most difficult to pass in this country. No students are exempt from examination, but partial exemption is granted to those who enter from other colleges. Upon proper notification the extrance examinations may be taken in any other place than Cambridge, and in a specified number of places in Europe. Courses at Harvard may be taken by students who have not passed the regular examinations, upon certain conditions, but such students are classed as special students only, and cannot receive degrees. The degree of A.B. is conferred after four or three years of study, provided all prescribed studies, and the requisite number of elective courses have been satisfactorily passed by the candidate. In the freshman year two courses are prescribed, and forty can be open to students as elective courses. In the sophomore and junior years, two half courses are prescribed, while all courses of study, except in the graduate department, are open for election. In the senior year no courses are prescribed, while all courses of instruction given at the university are open for election. The degrees granted by the university are: Bachelor of Arts, of Agricultural Science, of Divinity, of Laws, of Science, Master of Arts. and Doctor of Philosophy, Science, Laws, Medicine, Veterinary Medicine and Dentistry, after one year of residence.

Tuition, Scholarships, and Prizes: Tuition is $150 a year. The yearly expenditures are estimated at from $372 to $1,010. The aid annually available from scholarships and other beneficiary funds amounts to about $90,000. Of the 144 scholarships, twenty-nine with an annual value of $8,050 are awarded to members of the graduate school; 115, aggregating $25,630 a year, go to undergraduates. Three of these may be assigned to special students. The annual value of the scholarships varies from $40 to $450, the average amount being $225. Most of these scholarships are assigned only on the basis of a previous year of work in the college. Sums of $100 to $250 a year, from the "Price Greenleaf Fund," are awarded to undergraduates in the first year, or to deserving students who have failed to get other scholarships. In addition to these beneficiary funds there is a loan fund, the interest of which, amounting to $3,000, is lent to meritorious students, in sums ranging from $40 to $75. Prizes in the form of books, called "deturs," are annually distributed. Three prizes of $60 each, and three of $45 are awarded to seniors and juniors at a public competition in elocution. Nine prizes of from

$50 to $100 are distributed for the best dissertations on specified subjects. A prize of $100 is given for the best essay on Dante, and another of $100 for the best metrical translation of an ode of Horace. A prize of $250 is offered for the best thesis of an honor student in modern literature, and another prize of $250 for the best essay upon "The Causes of the Russian War of 1812." A prize of $150 is offered for the best essay on a subject in political science, two prizes of $100, and one of $50 for the best essays on any modern social subject, and two prizes of $40 and $45 for the best Spanish student, and the best essayist on any American governmental subject. Many other prizes, not here enumerated, are given in the various professional schools.

Equipment: The college grounds are distributed through Cambridge, Boston, West Roxbury, Hyde Park, Rochester, Brighton, and Arequipe, Peru. They cover about 700 acres. There are fifty-six college buildings, twenty of which are used for instruction, while the others are used as dormitories, for commons and eating-houses, or for purposes of entertainment. The university library contains nearly a million books and pamphlets, and there are in addition a number of separate libraries distributed among the professional schools and faculties. Besides the Divinity School, Law School, Medical School, Veterinary School, Dental School, and Agricultural Institution, with their chemical, physical, and clinical laboratories, botanical gardens, herbaria, and arboreta, there are museums of zoölogy, botany, mineralogy, ethnology, American archæology, and semitic antiquities. There is also a general university museum and an art museum. Astronomical observatories are maintained both at Cambridge and at Arequipe, Peru. Opportunities for physical exercise are afforded by the large gymnasium, the athletic grounds on Holmes and Soldiers' field, two football and baseball fields, the polo grounds and the university boathouse on the Charles River. All students are required to undergo physical measurements at the gymnasium, but gymnastic exercise is not compulsory. Attendance at chapel is likewise not compulsory.

Societies, Teams, and Publications: The following clubs and societies are maintained by the students: Amphadon Club, Andover Club, Alumni Association, Banjo Club, Freshman Banjo Club, B. L. S. Association of Harvard University, Boylston Chemical Club, Brewster Academy Club, Camera Club, Cambridge Latin School Association, Canadian Club, Catholic Club, Central New York Club, Cercle Française, Chess Club, Christian Association, Civil Service Reform Club, Classical Club, Co-operative Society, Cycling Association, Deutscher Verein, Disciple Club, Dining Association, Engineering Society, English Club, E. H. S. Association of Harvard University, Harvard Forum, Foxcroft Dining Club, Freshman Debating Club, Glee Club, Freshman Glee Club, Good Government Club, Graduate Club, Groton Club, Guitar and Mandolin Club, Freshman Guitar and Mandolin Club, Harvard Medical School Association, Harvard Memorial Society, Harvard Rifles, Hasty Pudding Club, Institute, Jowett Club, Law School Association, Maine Club, Minnesota Club, Natural History Society, Noble's Club, Odontological Society, O. K., Oxford Club, Peripatetic Club, Philosophical

Club, Philosophical Society, Pierian Musical Sodality, Press Association, Prohibition Club, Prospect Union, Religious Union, Republican Club, Samoset Club, Shakespeare Club, Signet, Southern Club, St. Mark's Club, St. Paul's Society, St. Paul's School Club, Total Abstinence League, Harvard Union, Whist Club, Worcester Academy Club, University Club.

The athletic associations and teams are: the Athletic Association, the Mott Haven Team, 'Varsity Football Team, Second Eleven, Freshman Football Team, Baseball Nine, Class Nines, Freshman Nine, Cricket Eleven, 'Varsity Crew, Class Crews, Freshman Crew, Tennis Association, Polo Club, Canoe Club, Shooting Club, Harvard Rifles, Cyclers' Association, Fencing Club, Lacrosse Team, Pushball Club, Weld Boat Club, and Cross Country Runners.

Chapters of the following fraternities have been organized: Φ B K, 1837; A Δ Φ, 1837; B Θ Π, 1843; Δ Φ, 1845; Ψ T, 1851–1872: Z Ψ, 1852; Δ K E, 1851; Π H, 1850; Θ Δ X, 1855–1889; Φ K Σ, 1865; Δ T, 1880; X Φ, 1885–1887; Φ Δ Φ, 1887; Φ Δ Θ, 1888.

The students publish: "The Index," an annual; "The Harvard Monthly Magazine;" "The Harvard Advocate," a weekly; "The Lampoon," an illustrated weekly; "The Crimson," a daily; "Harvard Club Book;" "The Portfolio," and "The Law Review." These publications proceed directly from the departments: "Harvard Oriental Series," Indo-Iranian Department; "Harvard Studies in Classical Philology," yearly; "Studies and Notes in Philology and Literature," yearly; "Harvard Historical Studies;" "Quarterly Journal of Economics;" "Annals of the Observatory of Harvard College;" "Comparative Zoölogy Bulletin," Memoirs by Professors and Assistants; "Contributions from the Zoölogical Laboratory;" "American Archæology and Ethnology," annual reports; "The Harvard Graduates' Magazine," issued quarterly.

Since the foundation of Harvard College nearly 20,000 students in all have been graduated, of whom some 11,000 are alive. The oldest living graduate is William Lambert Russell, A.M., M.D.

Faculty.

Charles William Eliot, LL.D., President.
Wolcott Gibbs, M.D., LL.D., Emeritus.
George Martin Lane, Ph.D., LL.D., Emeritus.
Charles Eliot Norton, Litt.D., LL.D., History of Art.
Charles Carroll Everett, D.D., LL.D., Theology, Dean of Divinity Faculty.
Edmund Hersey, Farming, Superintendent of Bussey Farm.
Joseph Henry Thayer, D.D., Litt.D., New Testament Criticism.
Charles Franklin Dunbar, LL.D., Political Economy.
William Watson Goodwin, Ph.D., LL.D., D.C.L., Greek.
Christopher Columbus Langdell, LL.B., LL.D., Law.
Ferdinand Bôcher, A.M., Mod. Languages.
David Williams Cheever, M.D., LL.D., Emeritus.
James Bradley Thayer, LL.B., LL.D., Law.
Adams Sherman Hill, A.B., LL.B., Rhetoric and Oratory.
James Mills Peirce, A.M., Astronomy and Mathematics, Dean of Faculty of Arts and Sciences.
James Clarke White, A.B., M.D., Dermatology.
Justin Winsor, LL.D., Librarian.
Alexander Agassiz, LL.D., Director Museum of Comparative Zoölogy.

Francis Humphreys Storer, S.B., A.M., Agricultural Chemistry.
James Bradstreet Greenough, A.B., Latin.
Arthur Searle, A.M., Astronomy.
Jeremiah Smith, A.M., LL.D., Law.
Crawford Howell Toy, A.M., LL.D., Hebrew and Oriental Languages.
John Chipman Gray, LL.B., LL.D., Law.
John Knowles Paine, A.M., Mus.D., Music.
George Lincoln Goodale, M.D., LL.D., Nat. Hist., Director Botanic Garden.
Oliver Fairfield Wadsworth, A.M., M.D., Ophthalmology.
Henry Pickering Bowditch, A.M., M.D., Physiology.
Charles Herbert Moore, A.M., Design in Fine Arts, Curator Art Museum.
Frederick Ward Putnam, A.M., S.D., American Archæology, Ethnology.
Clarence John Blake, M.D., Otology.
Frank Winthrop Draper, A.M., M.D., Legal Medicine.
Charles Burnham Porter, A.M., M.D., Clinical Surgery.
Charles Sprague Sargent, A.B., Arboriculture, Director Arnold Arboretum.
Nathaniel Southgate Shaler, S.D., Geol.
Frederic DeForest Allen, Ph.D., Classical Philology.
John Orne Green, A.M., M.D., Otol.
Amos Lawrence Mason, A.B., M.D., Clinical Medicine.
Clement Lawrence Smith, A.M., LL.D., Latin.
John Collins Warren, M.D., LL.D., Surgery.
Reginald Heber Fitz, A.M., M.D., Theory and Practice of Physic.
George Herbert Palmer, A.M., LL.D., Natural Religion, Moral Philosophy, and Civil Polity.
William Lambert Richardson, A.M., M.D., Obstetrics.
Edward Charles Pickering, A.M., LL.D., Practical Astronomy.
John Trowbridge, S.D., Application of Science to Useful Arts.
George Alonzo Bartlett, A.M., German, and Regent.
Thomas Dwight, M.D., LL.D., Anat.
William Gilson Farlow, A.M., M.D., Cryptogamic Botany.
Thomas Fillebrown, M.D., D.M.D., Operative Dentistry.
William James, M.D., Ph. et Litt.D., Psychology.
James Jackson Putnam, A.B., M.D., Diseases of Nervous System.
Charles Loring Jackson, A.M., Chem.
Edward Stickney Wood, A.M. M.D., Chemistry.
James Barr Ames, A.M., LL.B., Law.
Frederick Cheever Shattuck, A.M., M.D., Clinical Medicine.
Frédéric César de Sumichrast, French.
John Williams White, Ph.D., Greek.
Edward Hickling Bradford, A.M., M.D., Orthopedics.
William Morris Davis, M.E., Physical Geography.
Henry Barker Hill, A.M., Chemistry.
Warren Andrew Locke, A.M., Organist and Choir Master.
Francis Greenwood Peabody, A.M., D.D., Christian Morals, Theology.
Charles Albert Brackett, D.M.D., Dental Pathology.
Francis Henry Davenport, A.B., M.D., Gynecology.
Thomas Morgan Rotch, A.B., M.D., Diseases of Children.
Benjamin Marston Watson, A.B., Horticulture.
William Elwood Byerly, Ph.D., Mathematics.
Ephraim Emerton, Ph.D., Eccl. History.
William Barker Hills, A.B., M.D., Chemistry.
Charles Rockwell Lanman, Ph.D., Sanskrit.
Edward Laurens Mark, Ph.D., Anat.
Eugene Hanes Smith, D.M.D., Mechanical Dentistry.
William Fiske Whitney, A.B., M.D., Parasites and Parasitic Diseases.
William Thomas Councilman, M.D., Pathological Anatomy.
Charles Sedgwick Minot, S.D., Histology and Human Embryology.
Edward Stevens Sheldon, A.B., Romance Philology.
Silas Marcus McVane, Ph.D., Ancient and Modern History.
Maurice Howe Richardson, A.B., M.D., Clinical Surgery.
Robert Wheeler Willson, Ph.D., Astronomy.
John Henry Wright, A.M., Greek.
Charles Montraville Green, A.B., M.D., Obstetrics.

Charles Parker Lyman, F.R.C.V.S., Veterinary Medicine.
Edward Cornelius Briggs, M.D., D.M.D., Materia Medica and Therapeutics.
Le Baron Russell Briggs, A.M., English, Dean of Harvard College.
Kuno Francke, Ph.D., German Lit.
Edwin Herbert Hall, Ph.D., Physics.
David Gordon Lyon, Ph.D., Divinity.
Josiah Royce, Ph.D., Hist. of Philos.
Dudley Allen Sargent, A.M., M.D., S.D., Director Hemenway Gymnas.
Herbert Leslie Burrell, M.D., Clinical Surgery.
Harold Clarence Ernst, A.M., M.D., Bacteriology.
Philippe Belknap Marcou, Ph.D., Romance Languages.
Charles Pomeroy Parker, A.B., Greek and Latin.
Benjamin Osgood Peirce, Ph.D., Mathematics, Natural Philosophy.
Eugene Wambaugh, LL.B., LL.D., Law.
Hans Carl Günther von Jagemann, Ph.D., Germanic Philology.
Frederick Huntington Osgood, S.B., M.R.C.V.S., Veterinary Surgery.
Jere Edmund Stanton, M.D., D.M.D., Oral Anatomy and Physiology.
William Hopkins Tillinghast, A.B., Librarian.
Barrett Wendell, A.B., English.
Edward Channing, Ph.D., History.
William Parker Cooke, D.M.D., Crown and Bridge Work.
Charles Gross, Ph.D., History.
Paul Henry Hanus, S.B., Pedagogy.
Charles Harrington, A.B., M.D., Materia Medica and Hygiene.
Ira Nelson Hollis, Engineering.
Hugo Karl Schilling, Ph.D., German.
Henry Fiske Leonard, M.D., M.D.V., Anatomy, and Clinical Lecturer.
Wm. Henry Pickering, S.B., Astron.
Frank William Taussig, Ph.D., LL.B., Political Economy.
John Eliot Wolff, Ph.D., Petrography and Mineralogy.
Albert Bushnell Hart, Ph.D., History.
Alfred Bull Nichols, A.B., D.B., German.
Herbert Langford Warren, Architecture.
William James Ashley, A.M., Economic History.
Solon Irving Bailey, A.M., Astronomy.
Morris Hicky Morgan, Ph.D., Greek and Latin.
Joseph Henry Beale, Jr., A.M., LL.B., Law.
Charles Townsend Copeland, A.B., English.
Albert Andrew Howard, Ph.D., Latin.
George Lyman Kittredge, A.B., Eng.
Theobald Smith, Ph.B., M.D., Zoöl.
Roland Thaxter, Ph.D., Cryptogamic Botany.
Samuel Williston, A.M., LL.B., Law.
Edward Cummings, A.M., Sociology.
Arthur Richmond Marsh, A.B., Comparative Literature.
Hugo Münsterberg, Ph.D., M.D., Experimental Psychology.
James Atkins Noyes, A.B., Catalogue Editor.
Henry L. Smith, A.B., C.E., Mining.
Kenelm Winslow, B.A.S., M.D.V., M.D., Veterinary Therapeutics.
Lewis Edwards Gates, A.B., English.
Robert Tracy Jackson, S.D., Palæontology.
James Lee Love, A.M., Mathematics.
Max Poll, Ph.D., German.
William Townsend Porter, M.D., Physiology.
Abbott Lawrence Rotch, S.B., A.M., Meteorology.
Joseph Torrey, Jr., A.M., Chemistry
Franklin Dexter, M.D., Anatomy.
John Hays Gardiner, A.B., English.
William Fogg Osgood, Ph.D., Math.
Theodore William Richards, Ph.D., Chemistry.
Wallace Clement Sabine, A.M., Physics.
George Santayana, Ph.D., Philosophy
George Pierce Baker, A.B., English.
George Wells Fitz, M.D., Physiology and Hygiene.
Jefferson Butler Fletcher, A.M., Eng.
Herman Wadsworth Hayley, Ph.D., Latin.
Byron Satterlee Hurlbut, A.B., Eng.
Lewis Jerome Johnson, A.B., C.E., Civil Engineering.
Benjamin Lincoln Robinson, Ph.D., Curator of Herbarium.
Maxime Bôcher, Ph.D., Mathematics.
Wirt Robinson, 1st Lieut. 4th U.S. Artillery, Military Science.
Frank Beverly Williams, A.M., LL.B., Roman Law.

Chas. B. Davenport, Ph.D., Zöology.
Alfred Cope Garrett, Ph.D., English.
James Hardy Ropes, A.B., New Testament Criticism and Interpretation.
Comfort Avery Adams, Jr., S.B., Electrical Engineering.

NEW APPOINTMENTS.*

George A. Gordon, D.D., Immortality of Man.
F. C. Huntington, A.M., LL.D., Pleading and Practice.
George Rublee, A.B., LL.B., Contracts.
J. G. Jack, Lecturer in Arboretum.
John Cummings, Ph.D., Polit. Econ.
M. W. Mather, Ph.D., Latin.
G. W. Botsford, Ph.D., Greek and Roman History.
Asaph Hall, Celestial Mechanics.
E. B. Delabarre, Director Psychological Laboratory.
J. E. Lough, A.M., Experimental Psychology.
C. M. Bakewell, A.M., Philosophy.
H. R. Meyer, A.M., Polit. Economy.
C. A. Duniway, A.M., History.
C. E. Banne, A.M., History.
Charles Palache, Mineralogy.
R. J. Forsythe, A.M., Metallurgy and Chemistry.
G. A. Reisner, Ph.D., Semitic Lang.
Leo Wiener, Russian Language.

OTHER OFFICERS.

Allen Danforth, A.M., Treasurer.
Charles Frank Mason, A.B., Bursar.
Arthur Gorham Davis, Keeper Accounts and Records.
John Bertram Williams, A.B., Publication Agent.
Leonard Dwinnell Garfield, Superintendent of Buildings.
George Washington Cram, A.B., Recorder.
Montague Chamberlain, Secretary of Scientific School.
Benj. Franklin Mills, Stenographer.
Alexander Winthrop Pope, Clerk in Treasurer's Office.
John Lewis Taylor, Clerk in Bursar's Office.
Adam K. Wilson, University Printer.
William Hartwell Eveleth, Supt.
Lyman Beecher Fisk, A.B., Auditor Dining Association.
Charles Milton Reade, A.B., Auditor Foxcroft Club.
Jeremiah Joseph Sullivan, Steward of Dining Hall.

HAVERFORD COLLEGE.

Haverford, Pa. *Men.* *Quakers.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	99	17	7	31,604

In 1830 the Friends in Philadelphia raised $40,000, and bought 215 acres, near Bryn Mawr, nine miles away. In 1833 Haverford College was opened with twenty-one students. The school was suspended from 1845 to 1848. In 1852 an observatory was built, and the college reorganized three years afterward. In 1861 the preparatory school was abandoned leaving college studies only. The presidents have been: Samuel J. Gummere, 1856; Thomas Chase, 1856–1873, and Isaac Sharpless, 1887 to the present time. The school is governed by twenty-seven managers. Admission is on examination or certificate from schools of recognized ability. Expenses are from $400 to $525. Three courses lead to degrees of B.A., and B.S., and degrees of M.A., and M.S. are conferred after three years of study.

* So far as announced.

There are five undergraduate and four graduate scholarships of $100 and $300, two junior prizes, one alumni prize, a prize for English, while honors are conferred in seven departments. Attendance at chapel and gymnastic drill are compulsory. Negroes are not excluded. The college year is from September 25 to June 11.

The Lagonian Society dates from 1834. There is another society called the Athenian, and two Christian Associations. Fraternities are not allowed. The Athletic Association includes a football and cricket eleven, with a tennis association. The cricket team is considered the best college eleven in the country. The students publish the "Haverfordian."

Since 1836 there have been 580 graduates, of whom 420 are living. The oldest of these is Thomas F. Cook, M.D., LL.D., 1836, of New York City.

Faculty.

Isaac Sharpless, Sc.D., LL.D., President, Ethics.
Allen C. Thomas, A.M., Librarian, History.
Lyman Beecher Hall, Ph.D., Chem.
Seth K. Gifford, A.M., Greek.
Levi T. Edwards, A.M., Mechanics and Physics.
William Coffin Ladd, A.M., French.
Francis B. Gummere, Ph.D., English and German.
Frank Morley, A.M., Pure Math.
William Draper Lewis, Ph.D., Political Science.
Henry S. Pratt, Ph.D., Biology.
James A. Babbitt, A.B., Physical Training.
Rufus M. Jones, A.M., Philosophy and History.
Emory R. Johnson, Ph.D., Economics.
Clarence Gilbert Hoag, A.B., English.
Allen Curry Thomas, S.B., Drawing Room and Shop.
James Linton Engle, A.B., Library.
Thomas Harvey Haines, Secretary.
Ernest William Brown, A.M., Applied Mathematics.
Wilfred P. Mustard, Ph.D., Latin.
William H. Collins, A.M., Director of Observatory.

HEDDING COLLEGE.

Mingdon, Ill. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,000	364	20	3	2,000

The college grew out of the Abingdon College, the property of which was purchased for $60,000. An endowment fund of $100,000 was then secured. The school is governed by twelve trustees. There are four courses: the normal, literary, scientific, and classical leading to degrees of B.A., B.S., B.L., and in pedagogy and oratory. The college year is from September 3 to June 11. The expenses are $160. There are two literary societies: the Oliniana and the Lincolnian. A chapter of Δ T Δ was organized in Abingdon College. In all, 250 students have been graduated, of whom 230 are living. The oldest of these is Mrs. Josie Degroot, 1867, of Augusta, Ill.

Faculty.

Rev. J. G. Evans, D.D., LL.D., President, Theological and Social Science.
Rev. A. C. Piersel, A.M., Vice-President, Greek and Latin.
Rev. A. A. Waters, A.M., B.D., Natural Science.
Rev. S. L. Guthrie, A.B., English and Ethics.
Cliff Guild, M.S., Secretary, Math.
A. W. Ryan, Ph.B., German, History.
Angela H. Randolph, M.L.A., Latin.
Rev. A. P. Rolen, B.S., Psychology.
Milo Hempy, M.S., Pedagogy.
Alma M. Hempy, M.Accts., Bookkeeping, etc.
Bertha B. Lash, B.O., Elocution.
C. Addison Squire, Singing.
Lulu Converse Squire, Piano.
C. A. Lindoft, Violin and Mandolin.
A. E. Werts, Penmanship.
J. J. Bradbury, Portrait-Painting.
Belle Bradbury, Landscapes, etc.
C. F. Bradway, M.D., Physiology and Hygiene.
Rev. J. C. Craine, Librarian.

HEIDELBERG UNIVERSITY.

Tiffin, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	288	20	4	10,500

Heidelberg College was incorporated in 1851, and in 1890 was changed into a university. It was originally located at Tarleton, and was moved to Tiffin, Ohio, in 1850, upon a site of ten acres. College work has never been suspended. The founders were the Revs. S. S. Rickley and J. S. Good. The presidents and chancellors have been: Rev. E. V. Gerhart, 1850–1855; Rev. Moses Kieffer, 1855–1863; Rev. George W. Aughenbaugh, 1863–1865; Rev. George W. Williard, D.D., 1865–1892; Rev. John A. Peters, D.D., 1892; Rev. John Kost, D.D., 1892–1893; Rev. L. H. Kefauver, D.D., 1893 to the present time.

The school is governed by twenty-four regents. Admission is by examination. Students from academies and high schools receive credit for work done. The degrees are B.A., B.S., B.Ph., and M.A. A theological seminary is connected with the university. Tuition and contingent fees are $36 for the year, lasting from September 7 to June 17. Prizes of $20 and $10 are offered for the best orations. Attendance at chapel and at gymnastic drill is compulsory. Negroes are admitted.

Of the four literary societies the Excelsior and the Heidelberg are for men, the Hesperian for women, and the Irving for preparatory students. There is an Oratorical Association, a Christian Association, and a Glee Club. The students publish the "Argus" and the "Kilikidik." Of the 425 graduates, 383 are living; the oldest of whom is Rev. George P. Mechling, 1854, of Hamilton, Ohio.

Faculty.

Rev. Lewis H. Kefauver, D.D., Acting Chancellor.
Rev. David Van Horne, D.D., President Theological Seminary.
Rev. Herman Rust, D.D., Historical Theology.
Rev. Alvin S. Zerbe, Ph.D., D.D., Hebrew and Old Testament Theology, and Librarian.
Rev. John A. Peters, A.M., D.D., Philosophy, Christian Evidences.
Rev. Reuben Good, A.M., Science.
Christian Hornung, A.M., Mathematics and Astronomy.
Rev. Cornelius M. Lowe, A.M., Ph.D., Latin and Bible.
Martin E. Kleckner, A.M., Geology and Biology, Curator of Museum.
Thomas H. Sonnedecker, A.M., Greek and History, and Secretary.
Alfred Charles Zembrod, A.M., German and French.
Frederick F. Briggs, A.B., English and History.
Edward A. Day, A.M., Principal of Academy.
Viola Meyer, M.S., Assist. Principal of Academy.
Harold B. Adams, Music.
Inez I. Crampton, Art Department.
Charl M. Replogle, College of Commerce.
Rev. Franklin J. Miller, A.M., School of Oratory.
Charles N. Helter, Summer School.
Alfred D. Sheffield, Mathematics.
Rev. E. Herbruck, D.D., Homiletics and Archæology.
Rev. W. R. Miller, A.M., Sunday-School Work.
William Cross, Taxidermy.
John E. Schmidlin, Gymnasium.
Francis W. Kennedy, A. C. Shuman, A.B., Librarians.

HENDRIX COLLEGE.

Conway, Ark. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,500	156	7	9	4,000

The Arkansas Conference in 1884 purchased the Central Collegiate Institute at Altus. For five years both sexes were admitted, but in 1889 the Galloway Female Institute was opened, and the college was restricted to men only, although women have never been formally excluded. In 1890 the school was moved from Altus to Conway without suffering suspension. The college grounds cover twenty-eight acres. Rev. J. L. Burrow, A.M., was the founder and the first president. He was succeeded by the present incumbent in 1887.

The school is governed by eighteen curators from three conferences. Students are admitted upon examination and certificate. Expenses are from $150 to $184, the college year lasting from September 25 to June 17. Free tuition for one year is given to the best graduate of the academy. The degrees are B.A., B.L., and B.Ph. Attendance at chapel is compulsory, but not so gymnastic drill. Negroes are excluded.

There are two literary societies, the Franklin and Harland, a Christian Association, an Athletic Association, Racquet Club, and a Dining Association. The students publish the "College Mirror."

Faculty.

Rev. A. C. Millar, A.M., President, Mental Science and Pedagogics.
G. H. Burr, A.M., Natural and Physical Sciences.
Rev. James M. Hawley, B.D., A.M., English and Hebrew.
George C. Millar, A.M., Mathematics, French, and German.
C. T. Cotham, A.B., Latin and Political Science.
G. T. Rowe, A.B., Greek and Math.
O. L. Dunaway, Librarian.

HIGHLAND UNIVERSITY.

Highland, Kan. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	83	12	3	5,000

In 1837 the Presbyterian Board of Foreign Missions established a mission among the Iowa and Sac Indians, who lived on a reservation west of the Missouri River. In 1854 the Indians were transferred, and in 1857 a college was established at Highland in a log cabin. A charter was obtained in 1858, but college instruction was not given till 1870. The school is governed by twenty-seven trustees. The graduates since 1872 number fifty-nine. Degrees of B.A., and B.S. are conferred, together with that of M.A. after two years of graduate study. Attendance at chapel is compulsory; gymnastic and military drill are not required. Negroes are not excluded. There are two literary societies, the Arodelphian for men, and the Athlecto for women, both of which have libraries. There are also two Christian Associations. The students publish the "Nuncio." The college year is from September 8 to June 10.

Faculty.

Rev. William Boyle, President, Philosophy and Modern Languages.
Charles A. Read, M.S., Mathematics.
Jennie L. Carpenter, A.M., Classics.
Leander C. Hills, B.S., Rhetoric and History, and Librarian.
Grace Partch, English Branches.
Maggie E. Morton, Stella M. Pentz, Instrumental Music.
Adelia R. Luse, Elocution.
W. R. Breeding, M.D., Physiology.
W. E. Lewis, M.D., Anatomy.
W. M. Boone, M.D., Histological Demonstrator.

HILLSBORO COLLEGE.

Hillsboro, Ohio. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,600	40	10	——	——

The college was founded in 1854. Tuition for the year, ending June 11, is $30, with other expenses aggregating nearly $100. The productive funds of the institution are $6,000. The president is C. F. Enyart, A.M.

(*Further information lacking.*)

HILLSDALE COLLEGE.

Hillsdale, Mich. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,057	500	28	9	9,000

The college was established in 1844 as Michigan Central College, at Spring Arbor, Mich. In 1853 it was moved, and after a change of name, opened its doors to students in 1856. The endowment steadily increased from $990 to $131,467 in 1881, and $280,107 in 1885. The presidents have been: Rev. Edmund B. Fairfield, D.D., LL.D., D.C.L., 1855–1869; Rev. James Calder, D.D., 1869–1871; Rev. Daniel M. Graham, D.D., 1871–1874; Rev. DeWitt C. Durgin, D.D., 1874–1884; Rev. Ransom Dunn, D.D., 1884–1886; Hon. George F. Mosher, LL.D., 1886 until the present.

It is governed by a board of trustees. The degrees are B.A., B.L., B.Ph., and in Pedagogy and Divinity. Special funds of from $10,000 to $15,000 have endowed nine professorships and the presidency. Other funds have been given for prizes in mathematics, literature, history, and general proficiency. The college year is from September 14 to June 18.

There are five literary societies, three for men, and two for women: two Christian Associations, and a Beethoven Society, an Athletic Association, with football and baseball teams. Chapters of the following fraternities have been organized: Δ Τ Δ, 1867; Κ Κ Γ, 1880; Φ Δ Θ, 1882; Σ Χ, 1883; Π Β Φ, 1887, and Α Τ Ω, 1888.

In all, 814 alumni have been graduated, of whom 720 are living. The oldest of these is Eliza Scott Potter, 1856, of Grinnell, Iowa.

Faculty.

Hon. George Frank Mosher, LL.D., President, Law, Philosophy, Evidences, and Civilization.
Kingsbury Bachelder, A.M., Greek.
William Frank Tibbetts, A.M., Latin.
Charles Henry Gurney, A.M., Logic, Rhetoric, and English.
Duncan McLaren Martin, Ph.M., Mathematics.
William H. Munson, B.S., Chemistry, Biology, and Geology.
Harriet A. Deering, Ph.B., German.
Frances Stewart Mosher, A.M., French and History.
Harry S. Myers, A.B., English.
M. Frances Randolph, A.B., Math.
Melville Warren Chase, Mus.Doc., Piano, Harmony, and Theory.
John Murray Merrill, Voice Culture.
Clarence M. Chase, Pianoforte.
Minnie Whitney Lougher, Violin.
Violet Lelia Lewis, Accompanist.
George B. Gardner, A.M., Painting and Drawing.
Lieut. Eli A. Helmick, U. S. Military Science and Tactics.
Clara McIntosh Hulce, Elocution and Reading.

HIRAM COLLEGE.

Hiram, Ohio. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,400	400	18	1	5,000

Hiram College was founded in 1850. It is governed by twenty-five trustees, and three honorary members of the board. The college year is from September 24 to June 25. Courses in literature, science, geology, law, and medicine lead to degrees of B.A., B.Ph., B.S., M.A., and professional degrees. Admission is by examination or on high school certificates. Expenses are $150 a year. Of the four literary societies the Delphic, Hesperian, and Garfield societies are for men, and the Olive Branch for women. Besides two Christian Associations, there are also ministerial, medical, legal, and oratorical associations.

Faculty.

Ely Vaughn Zollars, LL.D., President, Moral Science.
George Henry Colton, Ph.D., Natural Science.
George Alfred Peckham, A.M., Greek and Hebrew.
Colman Bancroft, M.S., Mathematics and Astronomy.
Arthur Chester Pierson, Ph.M., English Literature and Psychology.
Bailey Sutton Dean, A.M., History.
Edmund Burritt Wakefield, A.M., Law and Political Science.
Edwin Lester Hall, A.M., Latin.
Cora Mabel Clark, A.M., Mod. Langs.
Harlan Myron Page, A.M., M.D., Biology and Medical Science.
Marcia Henry, A.B., Principal, Ladies' Department.
Silas Warren Pearcy, A.M., Ancient Languages.
Emma Johnson Dean, China Decoration and Pastel.
Lulu Freeman Pearcy, Music.
Alice Cornelia Brooks, Painting.
Homer W. Campbell, Principal, Business Department.
William E. Adams, Oratory.
Lora E. Wire, Phys. Cult., Elocution.
Emerson J. Smith, Mathematics.
Grace G. Finch, Physical Culture.
Belle Griffith, Della P. Hart, Mary B. Logue, C. A. Niman, Vernon Stauffer, Mary Wilson, Prep. Dep.

HIWASSEE COLLEGE.

Hiwasse, Tenn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,500	75	4	6	2,200

The college was founded in 1849, having grown out of a school at Bat Camp Ground. The grounds cover ninety-five acres. Instruction is given in preparatory, business, and collegiate branches, leading to the degree of A.B. Tuition for the year, ending June 4, is $35, with other expenses aggregating $100. The graduates number 250, of whom D. N. K. and W. L. Eakin, 1849, of Chattanooga, Tenn., are the oldest. The president is S. G. Gilbreath, B.S., Ph.B.

(*Further information lacking.*)

HOBART COLLEGE.

Geneva, N. Y. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$24,166	81	17	8	31,417

History: The trustees of Fairfield Academy in 1812 petitioned the trustees of Trinity Church, New York City, for the establishment of a college west of Albany, and a theological seminary was started the following year at Fairfield. At the suggestion of Bishop Hobart the school was transferred in 1821 to Geneva, with a college printing press. In 1822 Geneva Academy was raised to college rank by the regents of the University of New York. In 1824 the theological school was abolished, and its endowment transferred to the college. The first class was graduated in 1825. In 1874 the trustees were made elective, and the alumni were given five members. The Trinity gift of 1851 was $3,000 a year. The present name was adopted in 1860. Four bequests of $400,000 have been made, and four professorships and the chaplaincy have been endowed. The presidents have been: Jasper Adams, D.D., 1826–1828; Richard Sharp Mason, S.T.D., 1830–1835; Benjamin Hale, S.T.D., 1836–1858; Abner Jackson, S.T.D., LL.D., 1858–1867; James Kent Stone, S.T.D., 1868–1869; James Rankine, S.T.D., 1869–1871; Maunsell Van Rensselaer, S.T.D., 1871–1876; Rt. Rev. William Stevens Perry, S.T.D., LL.D., 1876; Robert Graham Hinsdale, S.T.D., 1876–1883; Eliphalet Nott Potter, S.T.D., LL.D., D.C.L., 1884. Acting Presidents: Daniel McDonald, S.T.D., 1825–1826; William Dexter Wilson, S.T.D., LL.D., L.H.D., 1867–1868; Hamilton Lanphere Smith, A.M., LL.D., 1883–1884.

Organization: The degrees are B.A., B.S., B.L., and M.A. Eclectics go with upper class-work. There are twenty-two scholarships and twelve prizes, besides loans and special gifts. Tuition is $50 for the year, lasting from September 17 to June 24. Attendance at chapel is compulsory.

The grounds overlooking Geneva Lake cover fifteen acres, on which are eight college buildings, six residences, and three fraternity houses. There is a gymnasium and a campus for athletic games.

Since the foundation of the college 1345 students have been graduated, of whom 1043 are living. The oldest of these is S. P. McDonald, 1829, of Mansfield, Ohio. The societies are: the St. John's Guild, White Cross, Postulants, Critic, Debating Union, choir, Glee and Banjo Club, Dramatic Club, with an Athletic Association, baseball nine, and football eleven. The following fraternities have been established: Φ B K, 1840; A Δ Φ, 1846–1876; Σ Φ, 1840; K A, 1844; Θ Δ X, 1857; X Φ, 1860–1880; Φ K Ψ, 1881.

Faculty.

Rev. Eliphalet Nott Potter, S.T.D., LL.D., D.C.L., President, Economics and Civics.
Hamilton Lanphere Smith, A.M., LL.D., Astron., Nat. Philosophy.
Joseph H. McDaniels, A.M., Greek.
Charles Delamater Vail, A.M., Librarian, Elocution.
Francis Philip Nash, A.M., L.H.D., LL.D., Latin.

Charles John Rose, A.M., German and French.
William Pitt Durfee, Ph.D., Mathematics and Chemistry.
Rev. Rob Roy MacGregor Converse, S.T.D., Chaplain, Philosophy.
Milton Haight Turk, A.M., Ph.D., English.
Albert Fermaud, A.M., French.
John Archer Silver, Ph.D., History.
David Francis Lincoln, A.M., M.D., Geology, Physiology and Hygiene.
Capt. Charles Washington Fairfax, Gymnastics.

LECTURERS.

Rev. William Clark, LL.D., Modern History and Religion.
Theodore Stanton, A.M., History of French Republic.
Frank Landon Humphreys, A.M., S.T.D., American History.
Frank Hunter Potter, A.M., Music.
Allan Marquand, Ph.D., L.H.D., History of Art.

HOPE COLLEGE.

Holland, Mich. *Co-Educational.* *Reformed Church.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,665	273	18	8	9,000

The college was chartered in 1865, and is situated near Macatania Bay of Lake Michigan, on a campus of sixteen acres. It was founded in 1851 as the Pioneer School, changing its name in 1857 to the Holland Academy, and finally to Hope College in 1865. The presidents have been: P. Phelps, Jr., D.D., 1866–1878; G. H. Mandeville, D.D., 1878–1880; Charles Scott, D.D., 1880–1893; and G. J. Kollen, A.M., the present incumbent, who was elected in 1893. The college is governed by a council of twenty-four members. Admission is by examination and on certificate. The degree of B.A. is conferred, and that of A.M. after three years. The expenses for the year, lasting from the third week in September to the last week of June, are $128. Four cash prizes are offered for excellence in study.

The societies are the Meliplean, Cosmopolitan, Fraternal, and Ulfilas (the last for the study of Dutch), the G. M. S. for women, and a Christian Association, publishing a religious weekly; the students also publish "The Anchor." The graduates number 620, the oldest of whom is the Rev. A. Bursma, 1866, of Grand Rapids, Mich.

Faculty.

Gerrit J. Kollen, LL.D., President, Political Economy.
Cornelius Doesburg, A.M., Dutch, Art.
Henry Boers, A.M., History.
John H. Kleinheksel, A.M., Math.
James G. Sutphen, A.M., Latin.
Rev. John H. Gillespie, A.M., Greek.
John B. Nykerk, A.M., English.
Douwe B. Yntema, A.M., Chemistry.
Erastus A. Whitenack, A.B., French and German.
Rev. John Tallmadge Bergen, A.M., Ethics.
Hon. G. J. Diekema, A.M., LL.B., John C. Post, LL.B., Arend Visscher, A.M., LL.B., George E. Kollen, A.M., LL.B., Lecturers on Political Economy.

HOWARD COLLEGE.

East Lake, Ala. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,000	175	8	6	1,000

The college was chartered in 1841. It has twice been destroyed by fire. It was located at Marion, but in 1887 was moved to the vicinity of Birmingham. The alumni since 1848 number 337. The school is governed by twenty-five trustees. A degree of B.A. is given after completion of the classical course. The college year lasts from September 24 to June 10. Among other societies chapters of the following fraternities have been established: Φ Γ Δ, 1856–1861; Σ A E, 1870–1873; B Θ Π, 1872–1879; Σ X, 1872–1885; Σ N, 1879–1881. The oldest living graduate is Gen. G. D. Johnston, 1849, of Mississippi.

Faculty.

Arthur Watkins McGaha, D.D., President, Philosophy and Bible.
Thomas John Dill, LL.D., Greek and Latin.
Albert Durant Smith, A.M., Ap. Math.
George Washington Macon, A.M., Ph.D., Chemistry, Natural History, German, and Secretary.
Benjamin Franklin Giles, A.M., English.
Robert Judson Waldrop, A.M., Pure Mathematics, and Treasurer.
Amos Bailey Goodhue, A.M., LL.D., Elocution and French.
Willis Hilliard Payne, A.B., A.M. Principal Sub-Collegiate Dep.

HOWARD PAYNE COLLEGE.

Brownwood, Texas. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,500	205	11	1	12,000

The college was founded in 1890, on grounds fifteen hundred feet above the sea. It is governed by fifteen directors. Admission is by examination and upon certificate. Degrees of B.A. and B.S. are given. Attendance at military drill and chapel is required. The expenses for the year, from September 2 to May 26, are $135. The societies are the Excelsior and Irving for women, and the Theodorus and Lyceum League for men.

Faculty.

J. H. Grove, A.M., President, Mathematics and Philosophy.
F. J. Buchanan, A.B., Secretary, English and History.
Leo O'Brien, A.M., Librarian, Sciences and Latin.
Cora G. Jones, Piano and Harmony.
Genevieve Muse, Elocution.
Mrs. J. W. Sheppard, Art.
Mrs. J. H. Grove, Primary.
Rev. A. E. Baten, Theology.
E. S. J. Whitehead, Vocal Music.
J. T. Corley, Stringed Instruments.

HOWARD UNIVERSITY.

Washington, D. C. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$62,641	629	50	7	13,000

The university was established by the Friends of the Freedman immediately after the war. The presidents have been: Charles B. Boynton, 1867; Byron Sutherland, 1867–1879; Gen. O. O. Howard, 1869–1873; E. P. Smith and George Whipple, 1873–1876; W. W. Patten, 1877–1889, and J. E. Rankin, D.D., the present incumbent.

There are twenty-four trustees, and an honorary board of eight members. The school is free to all, and no charge is made for tuition. Room rent is $15 a year, and board $8 a month. The departments are: the college proper, the normal and industrial departments, the law school, medical school, and theological seminary. The college year is from September 23 to June 3.

Faculty.

Rev. Jeremiah Eames Rankin, D.D., LL.D., President, Moral Science.
Rev. F. W. Fairfield, D.D., Greek and Political Economy.
Richard Foster, M.S., M.D., Natural History.
Robert B. Warder, A.M., B.S., Physics and Chemistry, and Missions.
Kelly Miller, A.B., Mathematics.
Charles C. Cook, B.L., English.
Elizabeth A. Cook, French, German.
William J. Stephens, Vocal Music.
Rev. John L. Ewell, D.D., Church History, etc.
Rev. Isaac Clark, A.M., Scriptural Theology.
Rev. Sterling N. Brown, A.M., Biblical History and Literature.
Rev. Charles H. Butler, A.M., Hebrew.
Rev. George O. Little, D.D., Pastoral Theology.
Rev. Teunis S. Hamlin, D.D., Rev. E. D. Bailey, Rev. A. W. Pitzer, D.D., Rev. S. H. Grene, D.D., Rev. S. M. Newman, D.D., Rev. Alexander Crummell, D.D., Lecturers on Pastoral Work.
Thomas B. Hood, A.M., M.D., Diseases of Nervous System.
Charles B. Purvis, A.M., M.D., Obstetrics and Gynecology.
Neil F. Graham, M.D., Surgery.
Daniel S. Lamb, A.M., M.D., Anat.
William H. Seaman, A.M., M.D., Chemistry and Toxicology.
John E. Brackett, M.D., Medicine.
Robert Reyburn, A.M., M.D., Physiology and Hygiene.
Furman J. Shadd, A.M., M.D., Materia Medica.
J. M. Lamb, M.D., D.D.S., Histology.
E. A. Balloch, A.M., M.D., Minor Surgery.
E. Oliver Belt, M.D., Ophthalmology and Otology.
Walter W. Alleger, M.D., Phar.D., Bacteriology.
Daniel H. Williams, M.D., Abdominal Surgery.
Samuel R. Watts, M.D., Medical Jurisprudence.
George N. Perry, M.D., Pædiatrics.
N. R. Jenner, M.D., Anatomy.
Collins Marshall, M.D., Histology.
W. W. Purnell, M.D., Ophalmology.
Charles I. West, M.D., Anatomy.
James B. Hodgkins, D.D.S., Chem.
Hamilton S. Smith, D.D.S., Operative Dentistry.
Andrew J. Brown, D.D.S., Crown and Bridge Work.
William M. Ash, D.D.S., Dentistry.
Clarence R. Dufour, M.D., Phar.D., Pharmacy and Botany.
B. F. Leighton, LL.D., Laws of Real Property.
Arthur A. Birney, LL.B., Pleading and Practice.
Hon. Francis Wayland, LL.D., English Constitution.

Hon. John M. Harlan, Constitutional Law.
W. H. Richards, LL.B., Evidence.
William H. H. Hart, A.M., LL.M., Torts.
George Francis Williams, LL.M., Domestic Relations.
T. W. Birney, C.E., LL.B., Commercial Law.

James F. Bundy, A.M., LL.M., Secretary and Treasurer.

INDUSTRIAL DEPARTMENT.

Charles E. Hall, Printing.
Jonathan F. Akers, Carpentry.
Willis A. Madden, Tin Work.
Mrs. B. M. Howard, Sewing.

ILLINOIS COLLEGE.

Jacksonville, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$130,000	214	15	6	14,475

History and Organization: The college is identified with the first settlement of the State in the second decade of this century. The "Yale Band of Seven" undertook to establish Christian education in what was then the far West, and through their efforts a school was opened in 1829. A part of the original building has remained in the south wing of Beecher Hall. The first teacher was Julian M. Sturtevant, who remained with the college as teacher and president for fifty-six years. The first president was the Rev. Edward Beecher, who was elected in 1831. The government of the school is vested in nineteen trustees.

Admission, Instruction, and Degrees: Admission is by examination, but equivalents can be substituted for the subjects required in the catalogue. The courses of the first year are required, while in the three succeeding years the hours of study can be almost equally divided between elective and prescribed studies. Attendance at gymnastic drill is required. Three courses of four years each lead to degrees of B.A., B.S., and B.Ph. The degree of M.A. is given after one year's resident work, while that of Ph.D. is given after two years.

Dues, Scholarships, and Prizes: Tuition for the year, lasting from the second Monday in September to the second Thursday in June, is $50. Other expenses are estimated at $100. There are eight scholarships, equivalent to tuition, and ten prizes of from $5 to $25 each, three prizes of $45 each, and five for $15 each for excellence in study.

College Adjuncts: The campus covers twenty acres. Among the six college buildings is a chapel and gymnasium. The college library contains some 15,000 books. Libraries are also owned by the Sigma Pi, Phi Alpha, and Philalogian literary societies, aggregating some 4,000 books. Besides these societies there are two Christian Associations and an athletic association. A chapter of Β Θ Π was organized in 1856, and existed for ten years. The graduates number 560, of whom 450 are living. The oldest of these is J. E. Spillman, D.D., 1836, of Carmi, Ill.

Faculty.

John E. Bradley, Ph.D., LL.D., President, Philosophy.
Hiram K. Jones, LL.D., Philosophy.
Harvey W. Milligan, A.M., M.D., Librarian, History and Economics.
James B. Shaw, D.Sc., Mathematics and Astronomy.
Milton E. Churchill, A.M., B.D., Greek and German.
Jacob A. Zeller, A.M., Pedagogy.
John M. Clapp, A.M., English and Oratory.
Truman P. Carter, A.M., Science.
Frederick W. Sanford, A.B., Latin and French.
Frank Parsons Norbury, M.D., Psycho-Physics.
James W. Putnam, B.S., History, etc.
Willard H. Garrett, B.S., Assistant in Preparatory Department.
Truman P. Carter, A.M., Physical Training.
Wm. Kirby McLaughlin, A.M., M.D., Physical Examiner.

ILLINOIS WESLEYAN UNIVERSITY.

Bloomington, Ill. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,915	1,625	40	5	6,750

The university was founded in 1853. It is governed by twenty-two trustees from the sixth Illinois Conferences. The courses are in groups: the classical, leading to B.A., the Latin-scientific to B.S., and the English to Ph.B. For the master's degree a thesis is required.

The entrance examination is reputed to be strict. Tuition is $140 for the year, lasting from September 14 to July 13. Four prizes in natural history and two in oratory are given. Attendance at chapel and gymnastic exercise is compulsory. Negroes are admitted.

The grounds cover eight acres, and comprise an athletic park and a new gymnasium. There is also an observatory. The literary societies are the Adelphic and the Amateurian. Chapters of the following fraternities have been organized: Φ Γ Δ, 1866; K K Γ, 1873; K A Θ, 1875; Δ T Δ, 1877–80; Φ Δ Θ, 1878; Φ Δ Φ, 1878–88; and Σ X, 1883.

The students publish the "Argus," and the "Wesleyan Magazine" edited by the graduates. The museum issues annual reports. Since the foundation of the college nearly 1,000 students have been graduated, the oldest of whom is W. J. Short, D.D., 1857, of Jacksonville, Ill.

Faculty.

Rev. William H. Wilder, M.A., D.D., President, Ethics and Metaphysics.
Robert O. Graham, M.A., Ph.D., Chemistry and Geology.
Robert B. Steele, M.A., Ph.D., Latin.
Morton J. Elrod, M.A., Biology and Physics.
Wilbert Ferguson, M.A., Greek.
Melvin P. Lackland, M.A., B.D., Mathematics and Astronomy.
M. Luella Denman, A.B., Belles Lettres.
Clarence E. Snyder, Instructor in French and German.
Delmar D. Darrah, B.S., Elocution.
Calvin W. Green, M.A., Prep. School.
William A. Heidel, M.A., Ph.D., Pedagogics.
Judge Owen T. Reeves, LL.D., Equity Jurisprudence.

Judge Reuben M. Benjamin, LL.D., Elementary Law, etc.
Jacob P. Lindley, LL.B., Contracts.
Judge Colostin D. Meyers, LL.B., Practice.
Rolland A. Russell, LL.B., Elementary Law.
Hon. John M. Scott, LL.D., Hon. Lawrence Weldon, LL.D., Lectures on College Law.
Sain Welty, M.A., LL.B., Civics.
Lyde R. Porter, Martha Matheny, B.S., Charles C. Adams, B.S., Preparatory School.
Mrs. John R. Gray, Oliver R. Skinner, Joint Directors of Music Department.
Blanche Mayers, Katherine Young, Kate Sherwood, Julia Tool, May Skinner, Farie Stevick, Lynn E. Hersey, Assistants in Music.
Oscar L. Wilson, Ph.C., Ph.B., Dean.

INDIANA UNIVERSITY.

Bloomington, Ind. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$80,000	771	55	8	20,000

The university was founded in 1820, and is designed to stand at the head of the public school system of the State. Cognate schools are Purdue University (the Indiana Institute of Technology), the State School of Agriculture and of Mechanic Arts, and the Normal School. The original campus of four squares has been increased to twenty acres by a grant of national forest land. The university is governed by eight trustees, three of whom are alumni. The graduates of fifty-nine high schools are admitted without examination. Some choice of subjects is offered to other candidates. Tuition is free. The expenses for the year, lasting from September 16 to June 16, are from $160 to $200. The degrees are B.A., B.S., B. L., with M.A., after one year of special study, and Ph.D. after a three years' course.

There are two literary societies: the Century for men, and the Independent for men and women. In addition to these there is a philological society, a lecture association, mathematical, physical, zoölogical, and botanical associations, with two Christian Associations. Chapters of the following fraternities have been organized: Β Θ Τ, 1845; Φ Δ Θ, 1849; Σ Χ, 1858; Φ Κ Ψ, 1869; Κ Α Θ, 1870; Δ Τ Δ, 1870; Φ Γ Δ, 1871; Κ Κ Γ, 1873; and Κ Σ, 1887–88.

"The Student" is published weekly. Of the students 540 are men and 231 women.

Faculty.

Joseph Swain, LL.D., President of the University.
William Lowe Bryan, Ph.D., Vice-President, Philosophy.
Theophilus Adam Wylie, D.D., LL.D., Emeritus.
Daniel Kirkwood, A.M., L.L.D., Emeritus.
Thomas Charlton Van Nüys, M.D., Chemistry.
Horace Addison Hoffman, A.M., Greek.
Gustaf Ernst Karsten, Ph.D., Germanic Philology.
David Demaree Banta, LL.D., Dean of Law School.
James Albert Woodburn, Ph.D., American History.
Robert Judson Aley, A.M., Math.
George Emory Fellows, Ph.D., European History.

Carl H. Eigenmann, Ph.D., Zoölogy.
Edouard Baillot, B.S., Romance Languages.
Vernon Freeman Marsters, A.B., Geol.
John Rogers Commons, A.M., Political Economy.
William Perry Rogers, LL.B., Law.
Martin Wright Sampson, A.M., Eng.
John Anthony Miller, A.M., Math.
Harold Whetstone Johnston, Ph.D., Latin.
Frank Fetter, Ph.D., Polit. Economy.
Carl Osthaus, A.M., German.
Robert Edward Lyons, Ph.D., Chem.
Arthur Lee Foley, A.M., Physics.
David Myers Mottier, A.M., Botany.
Schuyler Colfax Davisson, A.M., Mathematics.
Charles Andrew Rhetts, A.B., LL.B., Law.
Joseph Henry Howard, A.M., Assistant Professor of Latin.
John Andrew Bergstrom, Ph.D., Assistant Psychology and Pedagogy.
Louis Sherman Davis, A.M., Chem.
David A. Rothrock, A.M., Math.
Charles J. Sembower, A.B., English.
Ernest H. Lindley, A.M., Philosophy.
George M. Howe, A.B., German.
William Stewart Pinkerton, A.B., French.
George David Morris, A.B., French.
Launcelot M. Harris, A.B., English.
Charles T. Knipp, A.B., Physics.

INSTRUCTORS.

Ernest William Rettger, A.B., Math.
Charles Swain Thomas, A.B., English.
William J. Moenkhaus, A.B., Zoölogy.
Peter A. Yoder, A.B., Chemistry.
John B. Faught, A.B., Mathematics.
William A. Rawles, A.B., History.
Guido H. Stempel, A.M., English.
Mabel Banta, A.M., Latin and Greek.
John F. Newsom, A.M., Geology.
Henry T. Stephenson, B.S., English.
Charles Henry Beeson, A.B., Tutor in Latin.
Roy Henderson Perring, A.B., Tutor in German.
Frank M. Andrews, A.B., Laboratory, Assistant in Botany.
Ira Bordner, John M. Culver, Laboratory Assistants in Experimental Psychology.
Harvey Bordner, Laboratory Assistant in Chemistry.
Edgar Charles Syrett, Men's Gym.
Juliette Maxwell, A.B., Women's Gymnasium.

OTHER OFFICERS.

Louise Maxwell, A.B., Acting Librarian.
Sophia Sheeks, A.B., Assistant Librarian.
William W. Holmes, Law Library Assistant.
Florence Hughes, Library Assistant.

INDIANAPOLIS UNIVERSITY.

Irvington, Ind. *Co-Educational.* *Christian.*

Income,	Students,	Instructors,	Buildings,	Books,
$21,974	231	22	4	6,123

In 1849 it was decided at the general convention of Christian churches of Indiana to found a college at Indianapolis under the name of the Northwestern Christian University. In 1855 the school was opened. In 1875 it was moved to Irvington, and in 1877 the name was changed to Butler College. The following colleges compose the University of Indianapolis: Butler College (department of arts), Medical College of Indiana, Indiana Law School, Indiana Dental College.

The university is governed by twelve trustees, while the college proper comes under the immediate administration of twenty-two directors. Women are admitted on equal terms with men. The

degree of B.A. is conferred after a four years' course, that of M.A. after two years, and that of Ph.D. after three years of graduate study. In lieu of examination certificates from approved preparatory schools and high schools are accepted.

There are two Christian Associations, an Athletic Association, Alumni Association, and an Oratorical Society. Chapters of the following fraternities have been organized: Φ Δ Θ, 1859; Σ X, 1866; Δ T Δ, 1875; B Θ Π, 1879–1881; K A Θ, 1874–1886, and K K Γ, 1878.

Since the foundation of the college 393 students, in all, have been graduated, of whom 351 are living. The oldest of these is Mrs. A. M. Atkinson, 1856, of Wabash, Ind.

Faculty.

Scot Butler, A.M., LL.D., President, Latin.
Allen Richardson Benton, A.M., LL.D., Philosophy, Biblical Lit.
William Merrit Thrasher, A.M., Math.
Hugh Carson Garvin, A.M., Ph.D., Biblical Philology.
Demarchus C. Brown, A.M., Greek.
Flora Bridges, A.M., English.
Thomas Medary Iden, Ph.M., Chem.
Thomas Carr Howe, A.M., Germanic.
Hugh Thomas Miller, A.M., Secretary, History and French.
Henry L. Bruner, A.M., Biol., Geol.
Archibald McClelland Hall, A.M., Ph.D., Hebrew.
Elmer Burritt Bryan, A.B., Social and Educational Science.
Benjamin M. Davis, M.S., Biology.
Will David Howe, A.M., English.
John Delbert Nichols, A.M., M.D., Materia Medica.
John W. Sluss, A.M., M.D., Anat.
James William Comfort, Homiletics.
Lida Endress Gilbert, Elocution and Physical Culture for Women.
James Lilly Zink, Phys. Cult. for Men.
Robert Hall, A.M., Ph.D., Patristic Latin.
Charles A. Stevens, A.M., German.
James Challen Smith, A.M., Latin.
William F. Clarke, A.M., German.
Charles W. Culbertson, Chemistry.
Omar Wilson, Evelyn Mitchell Butler, A.B., Albert James Brown, A.M., Preparatory School.

IOWA COLLEGE.

Grinnell, Iowa. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$38,000	487	3	4	21,049

The "Iowa Band," of twelve young graduates from Andover, in 1843 resolved to found a Christian college west of the Mississippi. In 1846 trustees were elected, and work was begun at Davenport two years later. Ten students were graduated in the following ten years. In 1859 the college removed to Grinnell. From 1858 to 1865 no students were graduated.

The school is governed by twenty-one trustees, three of whom are alumni. Students from high schools and academies are admitted on certificates; for unconditional admission a written examination is required. The degrees are B.A. and B.Ph. The degree of M.A. *in cursu* is no longer given, one year of resident work or two of non-resident study being required. Tuition is $50 for the year, lasting

from September 11 to June 16. Additional fees are charged in special subjects. There are four scholarships with an income of $175 each, and nine prizes are given for excellence in study.

The college grounds cover twenty-two acres. Of the four literary societies the Chrestomathian and Grinnell Institute are for men, the Calocagathean and Ellis Institute for women. There are three societies in the academy, two for men and one for women. The Goodnow Scientific Association is for advanced students in physical science and biology. There are also two Christian Associations, an Athletic Union, a Football and Track Association, a Tennis Club, and a Glee Club.

The total number of graduates is 633, of whom 548 are living. The oldest of these is Rev. John H. Windsor, 1854, of Geneva, Ill.

Faculty.

Rev. George A. Gates, D.D., LL.D., President, Philosophy of Religion.
Rev. Samuel J. Buck, A.M., Mathematics and Astronomy.
Jesse Macy, A.M., Constitutional Hist.
Rev. Leonard F. Parker, D.D., Hist.
Moses S. Slaughter, Ph.D., Latin.
Walter S. Hendrixson, Ph.D., Chem.
J. Fred Smith, A.M., Principal of Academy.
James Simmons, Jr., A.M., Philosophy and Pedagogics.
Harry W. Norris, A.M., Biol., Geol.
John H. T. Main, Ph.D., Greek.
John S. Nollen, Ph.D., Mod. Lang.
Rev. George D. Herron, D.D., Applied Christianity.
Frank F. Almy, B.Sc., Physics.
Rev. Charles Noble, A.B., English.
Rossetter G. Cole, Ph.B., Director School of Music.
Selden L. Whitcomb, A.M., English.
Garrett P. Wyckoff, A.B., Applied Christianity.
Frank I. Herriott, Ph.D., Constitutional History.
Edith Denise, B.L., Modern Lang.
Carrie Rand, Principal for Women.
Clara E. Millerd, A.M., Preceptress.
Estelle Patterson, A.B., Academy.
Rev. Joshua M. Chamberlain, A.M., Librarian.
Lily Newton, Librarian of Music.
Delia M. Strong, Matron Mears Cottage.
Minora Trueblood, Secretary.
Fannie L. Gwinner, Grace T. Mason, Pianoforte.
Elwood A. Emery, Singing.
Mrs. H. E. Harrington, Guitar and Mandolin.
Laura A. Rew, Violin.
Edward M. Nealley, LL.B., Social Economics, etc.
William A. Willard, Ph.B., Biology.
Marion L. Lawall, Academy.
Anna B. Raymond, Physical Culture.
Wilfred E. Blatherwick, A.B., Chem.
Wade Gray, Physics.
Ellen G. Starr, Assistant Tutor.
Robert A. Woods, A.B.

IOWA STATE COLLEGE.

Ames, Iowa. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$100,000	591	44	10	10,000

History: The Iowa State College of Agriculture and Mechanic Arts was founded in 1858 by an act of the Iowa legislature. In 1862 the general assembly of Iowa accepted the Federal land grant pro-

vided by Congress. The presidents of the college have been: A. S. Welch, 1868–1884; Seaman A. Knapp, 1884–1885; Leigh S. J. Hunt, 1885–1886; W. I. Chamberlain, 1886–1891; W. M. Beardshear, 1891 to the present.

Organization: The school is governed by eleven trustees. Admission is by examination. Attendance at chapel and gymnastic exercise is voluntary, but military drill is compulsory for men during the first two years. Negroes are not excluded, and are represented even in the Faculty. Besides the usual collegiate courses, instruction is given in agriculture, horticulture, stock-breeding, veterinary science, engineering, military tactics, and domestic economy. The degrees are B.S., B.Agr., M.E., C.E., and E.E., besides the degrees conferred by the professional schools. The expenses for the year are $150. Several scholarships are available for residents of Iowa.

Equipment: The college grounds cover one hundred and fifty acres. Among the fifteen buildings are ten dwelling-houses, four college halls, besides seed-houses, shops, barns, and other agricultural structures, and an experiment station.

Societies and Publications: The students publish the "I. A. C. Student," "Mechanical Engineer," and "Junior Annual," The societies are: the Science Club, Engineering, Veterinary, Economic, Agricultural, and Horticultural societies; Bachelor, Cliolian, Welch, Philomathean, Philelutheory, and Pythian Literary societies; Lecture Association, Oratorical Association, Christian societies, College Athletic Association, with baseball and football teams, and Tennis Association. Chapters of the following fraternities have been organized: Δ Τ Δ, 1875; Π Β Φ, 1877, and Δ Δ Δ, 1889.

Faculty.

W. M. Beardshear, A.M., LL.D., President, Psychology and Ethics.
M. Stalker, M.Sc., V.S., Veterinary Science.
J. L. Budd, M.H., Horticulture.
E. W. Stanton, M.Sc., Mathematics.
Gen. James Rush Lincoln, Tactics.
Alfred A. Bennett, M.Sc., Chemistry.
Herbert Osborn, M.Sc., Zoölogy and Entomology.
W. H. Wynn, Ph.D., D.D., English Literature and History.
L. H. Pammel, B.Agr., Botany.
James Wilson, Agriculture.
J. B. Weems, Ph.D., Agricultural Chemistry.
Margaret Doolittle, A.B., Eng., Latin.
W. S. Franklin, M.Sc., Physics.
G. W. Bissell, M.E., Mech. Engin.
A. Marston, C.E., Civil Engineering.
Celia Ford, A.B., French, German.
Sally S. Smith, B.Sc., Preceptress.
W. E. Harriman, B.Sc., M.D., Pathol.
C. F. Curtiss, B.S.A., Animal Husbandry.
W. B. Niles, D.V.M., Vet. Science.
W. H. Meeker, M.E., Mech. Engin.
Marie L. Chambers, Elocution.
S. W. Beyer, B.Sc., Ph.D., Geology and Zoölogy.
L. B. Spinney, B.M.E., Physics.
Herman Knapp, B.S.A., Treasurer.

IOWA WESLEYAN UNIVERSITY.

Mount Pleasant, Iowa. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,000	340	16	5	4,000

The school was incorporated as the Mount Pleasant Collegiate Institute in 1844, and was chartered as a university in 1855. It is governed by twenty-four trustees. Associated with it is the Mount Pleasant German College. Students from high schools are admitted without examination, but must make up deficiencies. Elective studies begin with the third year. It is the avowed purpose of the authorities to do away with class distinctions in the near future, giving nothing but the name of the courses and the credits attained in them. Attendance at chapel is obligatory. The degrees are A.B., B.Ph., B.L. and B.S., with A.M. after one year of graduate study. The expenses for the year, lasting from September 16 to June 16, are $125.

An oratorical contest, at which prizes aggregating $50 are distributed, is held annually. "The Wesleyan" is published monthly. The students maintain five literary societies: the Hypatia and Ruthean for women, and the Philomathean, Hamlin, and Harlan for men, with lecture courses, and a Christian Association. Chapters of the following fraternities have been organized: Β Θ Π, 1868; Φ Δ Θ, 1871, and Δ Τ Δ, 1875–1880.

The graduates number 475, the oldest of whom is W. S. Wayne, 1856, of Council Bluffs.

Faculty.

C. L. Stafford, A.M., D.D., President, Philosophy.
C. M. Grumbling, A.M., Chemistry and Physics.
F. W. Adams, A.M., B.D., Greek.
F. C. Demorest, A.B., Latin.
William Koren, A.M., Eng., French.
Julia B. McKibben, M.S., History.
Edwin Johnson, A.M., Mathematics.
W. H. Mahaffie, M.S., Ph.D., Principal, Commercial Branches.
Capt. C. L. Hodges, U. S. Military Science and Tactics.
A. Rommel, A.C.M., Music.
Miss M. M. Deitrichsen, Vocal Music.
G. O. Riggs, Instrumental Music.
Fannette O'Kell, Painting.
Elizabeth Sawyers, Piano.

GERMAN FACULTY.

Rev. Frederic Munz, A.M., President, Theology.
Rev. Gustav Becker, Exegesis.
Rev. Karl Stiefel, German.
S. R. Roper, Elocution.
Carrie Manch, Music.

JOHNS HOPKINS UNIVERSITY.

Baltimore, Md. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$190,000	593	86	11	77,000

At the request of Johns Hopkins, who died in 1873, the university was incorporated under a statute "for the promotion of education in Maryland." His will provided for a university and a hospital, each with $3,500,000. The trustees in 1874 visited a score of the leading American universities, and subsequently obtained the advice of Presidents Eliot, White, and Angell, of Harvard, Cornell, and Michigan. In 1875 Daniel C. Gilman was elected president, and before taking office visited all the leading European universities. He was inaugurated in 1876 when the university was opened, and Professor Huxley delivered an address. The twentieth anniversary of the school was celebrated in 1896.

Johns Hopkins University is primarily a graduate school, 403 of the 593 students being postgraduates. It is governed by a board of sixteen trustees. Instruction is given in sixteen departments, the most well-attended of which are the English and German departments. Admission for undergraduates is upon examination only. During the first two years courses in English and literature are prescribed. Besides the usual bachelor's and master's degrees, the doctor's degree is given in philosophy, medicine, law, philology, and letters. Since the foundation of the school 363 doctor's degrees have been given. The academic year is from October 1 to June 15. Tuition is from $150 to $200 a year. There are twenty fellowships yielding $500 a year, and one yielding $800. In addition to these there exist thirty-five Hopkins scholarships, ten for Maryland, fifteen for Virginia, fifteen for North Carolina, three for Washington, and five for undergraduates.

Equipment: The site of the university is in the heart of Baltimore, near the corner of Howard and Monument streets. Among the buildings, eleven in number, are a gymnasium, three laboratories, and a library with 77,000 volumes, and 30,000 pamphlets. Over 1,000 periodicals are regularly received. An Oriental library has been recently added by G. W. Gail. Among the publications of the university, the most prominent are the journals of philosophy, chemistry, and mathematics, and those relating to historical and political science, with biological laboratory and hospital reports.

Of the societies the Christian Association, owning Levering Hall, is the most noteworthy. Chapters of the following fraternities have been established: Β Θ Π, 1878; Θ Κ Ψ, 1879; Δ Φ, 1885; Α Δ Φ, 1889; and Φ Β Κ, 1896.

In all, 2,078 students have been graduated at the university, more than 500 of whom are now holding chairs in seventy American universities and colleges.

Faculty.

Daniel C. Gilman, LL.D., President.
J. J. Sylvester, F.R.S., LL.D., D.C.L., Emeritus.
Basil L. Gildersleeve, Ph.D., LL.D., D.C.L., Greek.
Ira Remsen, M.D., Ph.D., LL.D., Chemistry.
Henry A. Rowland, Ph.D., LL.D., Physics.
Paul Haupt, Ph.D., Semitic Lang.
William H. Welch, M.D., LL.D., Pathology.
Simon Newcomb, Ph.D., LL.D., Mathematics and Astronomy.
Edward H. Griffin, D.D., LL.D., History of Philosophy.
William Osler, M.D., F.R.C.P., Medicine.
Henry M. Hurd, M.D., LL.D., Psychiatry.
Howard A. Kelly, M.D., Gynecology.
Herbert B. Adams, Ph.D., LL.D., American and Institutional History.
William K. Brooks, Ph.D., LL.D., Zoölogy.
Maurice Bloomfield, Ph.D., Sanskrit and Comparative Philology.
Thomas Craig, Ph.D., Pure Math.
A. Marshall Elliott, Ph.D., LL.D., Romance Languages.
William S. Halsted, M.D., Surgery.
Harmon N. Morse, Ph.D., Analytical Chemistry.
Minton Warren, Ph.D., Latin.
George H. Emmott, A.M., LL.M., Roman Law, etc.
Henry Wood, Ph.D., German.
Edward Renouf, Ph.D., Chemistry.
John J. Abel, M.D., Pharmacology.
William H. Howell, Ph.D., M.D., Physiology.
Franklin P. Mall, M.D., Anatomy.
James W. Bright, Ph.D., Eng. Philol.
William Hand Browne, M.D., English Literature.
Herbert E. Greene, Ph.D., English.
William B. Clark, Ph.D., Organic Geology.
Nicholas Murray, A.B., LL.B., Librarian.
Edward H. Spieker, Ph.D., Greek and Latin.
Louis Duncan, Ph.D., Electricity.
Ethan A. Andrews, Ph.D., Biology.
Joseph S. Ames, Ph.D., Physics.
Kirby F. Smith, Ph.D., Latin.
Adolf Rambeau, Ph.D., Romance Languages.
Alexander S. Chessin, Ph.D., Mathematics, etc.
Charles L. Poor, Ph.D., Astronomy.
Sidney Sherwood, Ph.D., Pol. Econ.
John M. Vincent, Ph.D., History.
Simon Flexner, M.D., Pathology.
Bolling W. Barton, M.D., Sys. Botany.
James E. Humphrey, Sc.D., Botany.
Philip R. Uhler, Natural History.
Hermann S. Hering, B.S., M.E., Electrical Engineering.
George P. Dreyer, Ph.D., Biology.
C. W. Emil Miller, Ph.D., Greek.
Bert J. Vos, Ph.D., German.
John M. T. Finney, M.D., Surgery.
J. Whitridge Williams, M.D., Obstet.
Wyatt W. Randall, Ph.D., Chemistry.
Christopher Johnston, Jr., Ph.D., Semitic Languages.
Lewellys F. Barker, M.B., Anatomy.
Lorrain S. Hulburt, Ph.D., Math.
L. Emil Menger, Ph.D., Romance Languages.
Bernard C. Steiner, Ph.D., History.
Herbert G. Geer, M.E., Engineering.
Edward B. Mathews, Ph.D., Min'logy.
William S. Thayer, M.D., Medicine.
William W. Russell, M.D., Gynecol.
S. Edwin Whiteman, Drawing.
J. Elliott Gilpin, Ph.D., Chemistry.
J. Williams Lord, M.D., Anatomy and Dermatology.
Thomas B. Aldrich, Ph.D., Physiological Chemistry.
J. Bascom Crenshaw, Ph.D., Physical Training.
Albert B. Faust, Ph.D., German.
John R. Scott, A.M., Vocal Culture.
Melvin Brandow, A.B., Ass't Librarian.
Jacob H. Hollander, Ph.D., Econom.
C. Carroll Marden, Ph.D., Romance Languages.
Fonger de Haan, Ph.D., Rom. Lang.
Albert C. Crawford, M.D., Pharmacol.
Abraham Cohen, Ph.D., Mathematics.
Thomas S. Baker, Ph.D., German.
Harry C. Jones, Ph.D., Phys. Chem.
George C. Keidel, Ph.D., Rom. Lang.
Charles P. Sigerfoos, S.B., Zoölogy and Embryology.
Harry L. Wilson, Ph.D., Greek and Latin.
Joseph C. Bloodgood, M.D., Surgery.
George Blumer, M.D., Pathology.

Adolph G. Hoen, M.D., Micrography.
Thomas S. Cullen, M.B., Gynecology.
George W. Dobbin, M.D., Obstetrics.
Thomas B. Futcher, M.B., Medicine.
Frank R. Smith, M.D., Medicine.
William J. A. Bliss, Ph.D., Physics.
Rufus M. Bagg, Ph.D., Geology.
James C. Ballagh, Ph.D., History.
John U. Mackenzie, M.D., Laryngol.
Samuel Theobold, M.D., Ophthalmology and Otology.
William D. Booker, M.D., Diseases of Children.
Henry M. Thomas, M.D., Nervous Diseases.
Thomas C. Gilchrist, M.D., Dermatol.
Robert L. Randolph, M.D., Ophthalmology and Otology.
Henry J. Berkley, M.D., Psychiatry.
H. F. Reid, M.D., Physics.
Thomas R. Ball, Registrar.

JOHN B. STETSON UNIVERSITY.

De Land, Fla. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,744	260	24	10	6,000

The charter of the university was granted in 1887, when the school was named after its most generous benefactor. It is governed by twenty-four trustees. The location, on grounds of twenty acres, is one hundred miles south of Jacksonville, on the seacoast. The working endowment is $140,000. The degrees are B.A. and B.S. Expenses for the year, lasting from October 2 to May 19, aggregate $224, with special fees in music and art. There are three scholarships on the proceeds of $3,000 each. Attendance at chapel and military drill are compulsory. The admission of negroes is prohibited by the laws of Florida. There are no college fraternities. The students publish the "Collegiate." Since the foundation 65 alumni have been graduated, the oldest of whom is Hanlon De Loud, 1886, of Frankfort, N. Y.

Faculty.

John F. Forbes, A.M., Ph.D., President, Philosophy and Pedagogy.
G. Prentice Carson, A.M., Physical and Political Science.
Julia A. Dickerson, Librarian.
Warren S. Gordis, A.M., Latin, Hist.
Charles S. Farriss, A.B., Greek.
Clara J. Brown, Elocution, Phys. Cult.
Anne L. Barrett, B.S., Lady Principal, German.
Mme. E. H. Senegas, French.
J. C. MacInness, A.B., English.
Franklin R. Strayer, A.B., Mathematics and Military Tactics.
J. F. Baerecke, Ph.D., Biol., Physiol.
Julia M. Ober, A.B., Latin.
C. B. Rosa, Commercial Branches.
Leila M. Child, A.B.
W. A. Sharp, Art.
Marion M. Baldwin, Music.
Mrs. C. S. Farriss, Piano.
Julia S. Carter, Voice.
Mrs. W. A Sharp, Violin.
J. B. Crippen, Gymnasium.

KALAMAZOO COLLEGE.

Kalamazoo, Mich. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,820	212	14	3	6,000

The original charter of 1853 was obtained for the Michigan and Huron Institute. The school was one of the branches of Michigan University. In 1855 a college charter with land and a building were obtained, but at present the college is affiliated with the University of Chicago. It is governed by thirty-five trustees. The degrees are B.A., B.S., B.Ph., and M.A. The expenses are $150 for the year, lasting from September 16 to June 16. Provision is made for poor students. The Sherwood Rhetorical Society was founded in 1851, the Philolexian Lyceum in 1855, and the Eurodelphian, for women, in 1856. There are also an Athletic Association and a Christian Association.

Faculty.

Arthur Gaylord Slocum, LL.D., President, Mental and Moral Philosophy.
Samuel Brooks, D.D., Latin.
Seth Jones Axtell, A.M., Greek.
Stillman G. Jenks, B.S., Natural Sciences, and Librarian.
Samuel Haskell, D.D., Bib. Instruc.
Clarke B. Williams, A.M., Math.
Clark Mills Brink, Ph.D., Eng., Hist.
Maud Wilkinson, A.B., French.
Lucy Johnson, Ph.B., English, Latin.
Carolinne Harder Swartout, A.B., German.
George Kuhn Grant, A.M., Mathematics and Science.
George Herbert Fairclough, Music.
Frank F. Churchill, Vocal Music.
Helen E. Keep, Art.

KANSAS WESLEYAN UNIVERSITY.

Salina, Kan. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,950	339	19	1	5,200

In accordance with a resolution of the Northwest Kansas Conference of 1883, a charter for this college was obtained in 1885. The township of Salina gave fifteen acres, with a building costing $26,000. Instruction was begun in 1886. The trustees number twenty-four.

Admission is by examination and on certificate. Two regular courses are offered with degrees of A.B. and B.S. A graduate school has been established, leading to degrees of A.M., M.S., Sc.D., and Ph.D. The expenses for the year, lasting from September 16 to June 10, are $109. Besides a number of scholarships established at the time of the foundation, new scholarships are given to any donor of $1,000. The library includes the collection of Col. W. A. Phillips, covering the history of the Indian races of the West. The museum, too, is rich in specimens of Western American archæology.

The societies are the Adelphian and Ionian for men, and the Athenæum for women, besides two Christian Associations. The graduates since 1887 number 163, of whom the oldest is the Rev. H. M. Mayo, 1887, of Rocky Ford, Col.

Faculty.

George J. Hagerty, A.M., President, Latin and Greek.
Aaron Schuyler, A.M., LL.D., Math. and Philosophy.
W. H. Sweet, D.D., Graduate School.
Ansel Gridley, A.M., B.Ped., Pedagogics and History.
Harriette M. Thompson, A.B., German and French.
Alfred W. Jones, B.Sc., Physics.
W. G. Medcraft, Algebra.
R. E. Dunham, Arithmetic.
H. M. Templin, English.
V. A. Austin, B.O., Elocution.
Catherine Eberhardt, Music.
Mary Belle Daily, Voice Culture.
Herman Holmes, Instrumental Music.
T. W. Roach, A.M., Commer. School.
E. O. Allen, Shorthand.
W. D. Gilpen, Penmanship.
Alice Wimer, Book-keeping.
Susie Teele, Shorthand.

KEACHIE COLLEGE.

Keachie, La. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,568.	317	8	3	1,000

The college was founded in 1856. It is governed by twenty-eight trustees and eight directors. The degrees are B.A., B.S., and M.A., the last being granted after a review examination. The expenses for the year, lasting from September 3 to June 3, are $150. Since 1889 there have been thirty-five graduates.

Faculty.

Rev. C. W. Tomkies, President.
G. W. Thigpen, A.M., Eng., Math.
J. H. Thigpen, A.B., Science.
C. C. Foster, A.B., Languages.
J. W. Everett, B.S., Mathematics.
Miss B. E. Harwell, B.S., English, History.
M. Agnes Clay, Piano.
Maimie LeSueur, Voice.
Miss M. E. LeSueur, Mrs. A. F. D. Norris, Painting, etc.
Mrs. G. W. Thigpen, Art Embroidery.
Mrs. M. V. Moseley, Primary Dep.
Miss A. O. Norris, Matron.

KENTUCKY UNIVERSITY.

Lexington, Ky. *Co-Educational.* *Disciples of Christ.*

Income,	Students,	Instructors,	Buildings,	Books,
$17,437	650	21	2	14,540

The university was organized as Bacon College in 1836. In 1865 it was united with Transylvanian University dating from 1799, as the successor of the Transylvanian Seminary, dating from 1783.

The Agricultural and Mechanical College of Kentucky was in 1865 joined to the university. In 1867 a commercial college, and in 1877 the College of the Bible were added to the University. The curators number thirty-two; the trustees fourteen. The degrees are B.A., B.S., B.L., and M.A. after one year's post-graduate study. Expenses for the year, lasting from the second Monday in September to the second Thursday in June, are $120. There are five literary societies, the Crecopian, Periclean, Ossolian, Philothean, and Phileusebian. Chapters of the following fraternities have been organized: Φ Γ Δ, 1860-1862; Φ K Ψ, 1865-1866; Δ T Δ, 1873-1878, and Π K A, 1887.

Faculty.

Charles Louis Loos, LL.D., President, Greek.
John W. McGarvey, A.M., Sacred History, etc.
Wilbur R. Smith, Commercial School.
C. Morris Campbell, College of Music.
Henry H. White, LL.D., Mathematics and Astronomy.
Robert Graham, A.M., Mental, Moral, and Political Philosophy.
Alexander R. Milligan, A.M., Latin.
Isaiah B. Grubbs, A.M., Exegesis, etc.
Alfred Fairhurst, A.M., Nat. Science.
Charles J. Kemper, A.M., French, German, and Mechanics.
Clarence C. Freeman, A.M., English.
Richard H. Ellett, A.M., Math.
Walter G. Conley, A.M., Principal of Academy, Sacred History, English.
Benjamin C. Deweese, A.M., Hebrew and Homiletics.
Mrs. A. R. Bourne, English.
Henry B. Robison, A.M., Henry H. Halley, A.B., Assists. in Academy.
Elzie B. Thomas, M.D., Gymnasium.
Robert L. Conley, Librarian.

KENTUCKY WESLEYAN COLLEGE.

Winchester, Ky. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
	155	9	1	2,000

The college had its foundation in Bristol Academy, which was established in 1795 by Bishop Asbury. It was incorporated in 1802 the second institution for higher education west of the Allegheni. The present name was assumed more than fifty years ago. The first building stood in a campus of 115 acres. The State gave to the school more land covering 6,000 acres, some 1,500 feet above the sea. The principals and presidents have been: Valentine Cook, Rev. Joseph L. Tomlinson, Bishop John P. Durbin, and Henry B. Bascon.

The government of the school is vested in a board of education, consisting of fourteen members, two of whom are alumni. Admission is on certificates of State schools or after examination. Attendance at church and chapel is required. The expenses for the year, lasting from September 1 to June 1, are $130. Degrees of B.A. and B.S. are conferred. The societies are the Eucleian and Philomathean, and are recognized by the authorities as a part of the college.

Faculty.

Rev. E. H. Pearce, A.M., D.D., President, Philosophy.
D. W. Batson, A.M., Nat. Science.
B. T. Spencer, A.M., Greek, German.
W. H. Garnett, Ph.D., Mathematics and French.
Marvin West, A.M., Latin, History.
Rev. T. W. Watts, Elocution.
James L. Clark, A.B., Preparatory Department.
G. F. Burner, Shorthand, etc.

LECTURERS.

Rev. John R. Deering, Bible History and Literature.
Hon. M. J. Durham, A.M., Civics.

KENYON COLLEGE.

Gambier, Ohio. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,000	180	19	8	30,000

The college was founded in 1824. In 1828 it was removed from Worthington to Gambier. The present name was adopted in 1891. After many changes in its organization, a college, theological seminary, and a preparatory school have resulted, each independent though under the same government. The trustees number twenty-six, six of whom are alumni. Admission is by examination, and upon high school certificates. Three college courses lead to degrees of B.A., B.S., and B.Ph. The degree of M.A. is conferred after one year's prescribed study. The expenses for the year, lasting from September 12 to June 29, are $232. There are nine scholarships equivalent to tuition, a loan fund, and another fund for annual distribution in prizes. Chapters of the following fraternities have been organized: Φ B K, Δ K E, 1852; Θ Δ X, 1854–1889; A Δ Φ, 1858; Ψ Υ, 1860; X Φ, 1861–1866: B Θ Π, 1879, and Δ T Δ, 1881.

The graduates number 833, of whom 460 are living. The oldest of these is James C. Wheat, D.D., 1829, of Lynwood, Va.

Faculty.

Theodore Sterling, M.D., LL.D., President, Natural Philosophy, etc.
Rev. Edward C. Benson, A.M., Latin.
Russell S. Devol, A.M., Mathematics.
Rev. Hosea W. Jones, D.D., Ecclesiastical History, etc.
Rev. Jacob Streibert, A.M., Old Testament.
Rev. C. Theodore Seibt, S.T.D., Systematic Divinity, etc.
Leslie H. Ingham, A.M., Greek, etc.
Charles Frederick Brusie, A.B., Eng.
William Foster Peirce, A.M., Mental and Moral Philosophy.
William N. Guthrie. A.M., Mod. Lang.
Guy Hamilton Buttolph, A.B., Latin and Greek.
William Hahn Foley, A.B., French and German.
Lawrence Rust, M.A., LL.D., Military Academy.
Ensign Armstead Rust, Commandant.
John C. Flood, A.M., Head Master.
Allan L. Burleson, A.M., J. B. Greene, A.M., Miner T. Hines, A.M., Henry J. Eberth, A.M., L. C. Williams, A.B., Military Academy.
Emma E. Wright, Librarian.

KEUKA COLLEGE.

Keuka, N. Y. *Co-Educational.* *Free Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	150	12	———	2,000

The college was established but a few years ago, in 1892. The expenses for the year, ending June 11, are $150, of which $30 is for tuition. The productive funds of the institution aggregate $75,000. The president is Rev. George H. Ball, D.D.

(*Further information lacking.*)

KING COLLEGE.

Bristol, Tenn. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,500	100	5	3	5,000

At the close of the Civil War the Presbyterian Church in East Tennessee and Southwest Virginia found itself without schools, and too poor to send students elsewhere. In 1866 Holston Presbytery was enabled by the Rev. James King's gift of real estate in Bristol to organize a school, which, in January, 1869, was chartered as King College. In 1891 the college was closed for two years, owing to the removal of the old buildings and substitution of new ones. The college is governed by three trustees and eighteen curators. Admission is by examination. Degrees of B.A., B.S., and M.A. are given after prescribed courses with electives. Attendance at chapel is required. The expenses for the year, lasting from September 5 to June 10, are $150. Three medals are offered for excellence in study, and other prizes and medals are offered by the Philothesmian and Athenian literary societies, which date back to the foundation of the college. A chapter of K Σ was organized in 1878 and lasted six years. The graduates, like the students, number one hundred. The oldest is Rev. J. C. Cowan, M.A., 1870, Morristown, Tenn.

Faculty.

Rev. J. Albert Wallace, D.D., President, Metaphysics.
Charles R. Pepper, M.A., Greek and French.
Rev. J. G. McFerrin, M.A., Mathematics.
J. H. Delaney, B.A., S. V. Carmack, Tutors.

KNOX COLLEGE.

Galesburg, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,756	688	31	6	8,000

Knox College was founded by Rev. George W. Gale in 1837, and fully organized in 1841. One half the township of Galesburg was originally purchased as an endowment for the college. The presidents have been the Revs.: H. H. Kellogg, 1838–1845; J. Blanchard, 1846–1857; Harvey Curtis, 1858–1863; W. S. Curtis, D.D., 1863–1868; J. P. Gulliver, D.D., 1868–1872; Prof. A. Hurd, 1872–1874; N. Bateman, LL.D., 1874–1892; and John H. Hinley, A.M., the present incumbent. In 1843 the female seminary was burned. In 1887 the college celebrated its semi-centennial.

The school is governed by a board of twenty-four trustees. Connected with the college are the Knox Academy, the Conservatory of Music, and the Knox School of Art. In the college proper there are three courses of study, the classical, the scientific, and the literary, leading to the degrees of B.A., B.S., and B.L. Electives are offered in the later years of each course. The expenses for the year, lasting from September 8 to June 14, are $227. Twenty-three prizes of from $10 to $45 each are given. Founder's day is celebrated annually on February 15. Military drill is compulsory during the first two years, attendance at chapel throughout the year. Negroes are admitted. Among the buildings, six in number, standing on fourteen acres of ground, are a gymnasium, an observatory, and alumni hall.

The literary societies are the Adelphi and the Gnothantii for men, the L. M. I. for women, and the Zetetici, E. O. D., and Oniota for students at the academy; the Knox College Contest Association, the Mission Circle, and two Christian Associations, with an Athletic Association, embracing a football and baseball team, and a Memorabilia Society. Chapters of the following fraternities have been organized: Β Θ Π, 1856; Φ Γ Δ, 1867; Φ Δ Θ, 1871; Κ Κ Γ, 1871–1874; Π Β Φ, 1884, and Δ Δ Δ, 1888.

The students publish the "Gale," an annual; the "Coup D'Etat," a monthly; and the "Knox Student," a weekly. Knox College enters upon its sixtieth year with a thousand graduates, of whom 910 are living.

Faculty.

John H. Finley, President.
Hon. Newton Bateman, A.M., LL.D., Philosophy.
Albert Hurd, A.M., Chemistry and Natural Sciences.
George Churchill, A.M., Principal of Academy.
Milton L. Comstock, A.M., Ph.D., Mathematics and Nat. Philosophy.
Thomas R. Willard, A.M., Greek and German.
Lee S. Pratt, A.M., Latin.
William E. Simonds, A.M., Ph.D., English Literature and German.
Edgar L. Larkin, Observatory and Physical Laboratory.
Henry W. Read, A.M., Latin, Greek.
Grace Chamberlain, O.M., Elocution.

Lieut. George O. Cress, U. S. A., Military Science and Tactics.
Maria H. Whiting, Head of Seminary.
Sarah M. McCall, English and Math.
Jessie R. Holmes, B.S., L.M., History and German.
William F. Bentley, Music.
J. Winter Thompson, Piano.
Florence J. Lee, A.M., Singing.
Frederick W. Mueller, Organ, Piano.
Allen Bentley Dow, Piano.
William H. Cheesman, Instrumentation and Orchestral Playing.
Mary G. Crippen, Guitar, Mandolin, and Banjo.
L. A. Loomis, Drawing and Painting.
Roy B. Guild, Director of Gymnasium.
Walter M. Irwin, Librarian.

KNOXVILLE COLLEGE.

Knoxville, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,000	330	30	6	1,500

The college was begun in 1879 after a normal school had been established. A fire in 1894 necessitated the reconstruction of several buildings. The object is to train colored teachers and preachers. The school is governed by ten directors, and the degrees are B.A. and B.S. The University of Tennessee has made provision for its colored students in Knoxville College by adding to the equipment of the agricultural and mechanical schools, by maintaining a professor in each, and setting aside $600 annually for students. According to the agreement with the university all colored students over fifteen years have free tuition, for the year lasting from September 26 to June 11. Each senator of the State has the privilege of appointing two colored students, male or female, to the State Normal College for two years. The applicant must declare his intention to make teaching a profession, and in return receives $50 credit on board and tuition for nine months. The college consists of a training school, musical department, normal school, industrial department, agricultural and mechanical course, medical department, and school of theology.

There are four literary societies, adhesion to at least one of which is required, to wit: the Witherspoon, Philomathean, Gamma, and the Douglas.

Faculty.

Rev. J. S. McCulloch, D.D., President, Mental and Moral Science.
Eliza B. Wallace, Lady Principal.
Rev. J. R. Millin, A.M., Theological Department and Latin.
Rev. R. J. Love, A.M., Ph.D., Normal Department and German.
Agnes H. Wait, B.S., Training and Primary Departments.
Miss E. W. Shontz, A.M., Greek and Latin.
W. A. Dunn, A.M., Agriculture, Chem.
W. G. Purdy, C.E., Mech. Arts, Math.
Ida M. French, A.B., English.
Matilda Wishart, B.S., Physiology.
Agnes Wishart, Music.
Alice McMillin, Sewing School.
E. Belle Kerr, Training School.
Mabel Simpson, Kindergarten Work.
Jennie McCahon, Bible Reading.
Emma Pinkerton, Matron.
Maggie McDill, Supt. Little Girls' Home.
Anna Rutherford, Supt. Boys' Home.

Mary Wallace, H. A. Kerr, Matrons.
Miss M. J. Fisher, Dressmaking.
R. M. Ginter, Printing Department.

MEDICAL DEPARTMENT.

R. M. C. Hill, Principles and Practice.
E. L. Randall, M.D., Obstetrics.
C. C. Yarbrough, M.D., Chemistry and Materia Medica.
L. Jones Price, M.D., Surgery.
J. C. Ford, Medical Jurisprudence.
A. G. Edwards, M.D., Anatomy and Histology.
W. H. Moore, M. D., Physiology, etc.

LAFAYETTE COLLEGE.

Easton, Pa. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$41,000	305	28	21	25,200

History: Lafayette College was organized in 1824. The founder was J. W. Porter. In 1826 the school was opened. The present site was occupied in 1834. In 1866 the School of Science was added by Ario Pardee. Pardee Hall was burned in 1876, and rebuilt in 1880. The presidents have been: George Junken, 1832–1841; John W. Yeomans, 1841–1844; George Junken (second term), 1844–1848; C. W. Nassau, 1848–1850; Dr. V. McLean, 1850–1857; G. W. McPhail, 1857–1863; William C. Cattell, 1863–1883; James H. M. Knox, 1883–1890; Traill Green, 1890–1891, and E. D. Warfield, the present incumbent. The college is governed by twenty-four trustees, six of whom are alumni.

Organization: Certificates of the New York regents and of approved preparatory schools are received in lieu of an examination. Degrees of B.A., B.Ph., C.E., in music, and in electrical and mining engineering are given. The master's degree is conferred after a prescribed course of two years, and that of Ph.D. after three years. Attendance at chapel and gymnasium are required. The college year is from September 12 to June 18. The expenses for the year are from $150 upwards. Seventeen prizes of from $10 to $50 are offered for excellence in study.

The college has two libraries, and the literary societies own 6,000 volumes in addition. The alumni have provided an athletic field of seven acres with a gymnasium. Eastonian Hall is provided with the best periodicals and newspapers.

The students publish the "Melange," "Mirror," and "Miscellany." Besides the Franklin and Washington literary societies, who hold an annual contest in oratory, there are two scientific societies, two Religious Associations, an Athletic Association, and ten Alumni Associations, who meet once a year at the college. Chapters of the following fraternities have been organized: Φ B K, 1853; Φ K Σ, 1853–1882; Δ K E, 1855; Z Ψ, 1858; Θ Δ X, 1866; Σ X, 1867–1887; Φ K Ψ, 1869; Φ Δ Θ, 1873; X Φ, 1874; Δ T Δ, 1875; Φ Γ Δ, 1883, and Δ Υ, 1885.

The total of graduates has been 1,563, of whom 1,333 are living. The oldest of these is George W. Kidd, M.A., 1836, of Houston, Texas.

Faculty.

Ethelbert Dudley Warfield, LL.D., President, History, etc.
Rev. William C. Cattell, D.D., LL.D., Moral Philosophy.
Traill Green, M.D., LL.D., Chem.
Francis Andrew March, LL.D., L.H.D., English and Philology.
Rev. Thomas C. Porter, D.D., LL.D., Botany, etc.
Rev. Augustus A. Bloombergh, Ph.D., Modern Languages, etc.
Rev. Robert Barber Youngman, Ph.D., Greek.
Rev. Selden Jennings Coffin, Ph.D., Astronomy.
James W. Moore, A.M., M.D., Mechanics, etc.
Justus Mitchell Silliman, M.E., Mining Engineering, etc.
Charles McIntire, A.M., M.D., Sanitary Science.
Joseph Johnston Hardy, A.M., Ph.D., Mathematics and Astronomy.
William Baxter Owen, Ph.D., Latin.
Edward Hart, Ph.D., Analyt. Chem.
James Madison Porter, C.E., Engin'g.
Francis A. March, Jr., Ph.D., English Literature.
William Shafer Hall, C.E., E.M., M.S., Technical Mathematics.
Rev. Edsall Ferrier, D.D., Hebrew.
Allen P. Berlin, A.M., C.E., Mining Geology.
Jacob D. Updegrove, A.M., M.D., Director of Physical Training.
Porter W. Shimer, M.E., Iron, Steel.
George Herbert Stephens, A.M., Ethics and Logic.
Alvin Davison, M.S., A.M., Biology.
Albert Hunt Welles, M.S., Chemistry.
Earl B. Lovell, C.E., Civil Engin'g.
Chauncey G. Hellick, C.E., Ph.D., Electrical Engineering.
Harry Irwin Woods, A.B., Mathematics and Latin.
Francis A. March, LL.D., L.H.D., Librarian.
Augustus A. Bloombergh, Ph.D., Curator of Reading-Room.

LA FAYETTE COLLEGE.

La Fayette, Ala. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,200	300	28	———	3,000

The college was founded in 1883. The expenses for the year, ending May 14, are $150, of which $40 is for tuition. The graduates number fifty. The president is J. H. Patterson, A.M., Ph.D.

(*Further information lacking.*)

LA GRANGE COLLEGE.

La Grange, Mo. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,000	98	10	1	3,000

In 1856 a seminary for boys and girls was established, and a building opened for instruction in 1858. In 1859 the school was chartered as a college. At the end of the Civil War, during which the college was closed, Dr. J. F. Brooks became president. The trustees num-

ber nine, and they are aided by thirty councillors. Admission is by examination and on certificate. The degrees are B.B., B.L., B.Ph., and B.S. The expenses for the year, lasting from September 15 to June 3, are $100.

There are three literary societies, and chapters of the following fraternities have been organized: Rainbow, 1849–1861; Φ K Ψ, 1859–1860, and Σ X, 1860–1861. Since 1870, in all, 229 students have been graduated, of whom 200 are now living. The oldest of these is Rev. E. H. Sawyer, 1870, of Kirkwood, Mo.

Faculty.

Jere T. Muir, A.M., President.
W. Claude O'Neal, A.B., Mod. Lang.
John N. Nolen, B.S.D., History and Political Science.
Charles E. Freeman, B.S., Latin and Greek.
Frances Nagel, Music.
M. Stella Dorser, J. H. Nolen, Instrumental Music.
Daisy L. Baker, A.B., English.
Byrde Templin, Art.
Mary Davies, Physical Culture.
John W. Crouch, Registrar.
Harry Bates, Librarian.

LAKE FOREST UNIVERSITY.

Lake Forest and Chicago, Ill. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$75,000	2,200	179	16	20,000

History and Organization: Lake Forest University was planned and its location selected by Presbyterians of Chicago and Waukegan in the year 1855. In 1856, "The Lake Forest Association" was formed, and purchased 2,500 acres of land where Lake Forest now stands. Half of this land was permanently set apart as Association property, and the plat of the town was recorded July 23, 1857. Every alternate lot was assigned as an endowment for a university, and sixty-two acres were set apart as inalienable campus. The institution was chartered in 1857, as "Lind University," subject to the control of the Synod of Peoria and its ecclesiastical successors. In the fall of 1858 the first building was erected and the academy began. In 1865 the legislature changed the name to "Lake Forest University." In 1869 Ferry Hall was built, and the seminary course began. In August, 1875, Rev. Robert W. Patterson, D.D, was elected president of the university, and in September, 1876, the collegiate department was opened with a freshman class of eight men and four women. In March, 1878, President Patterson resigned, and the year was finished under the control of Acting President John H. Hewitt. In the summer of 1878 the present college dormitory was built and Rev. Daniel S. Gregory, D.D., assumed the presidency, and the next college year began with all the classes organized. In March, 1879, the original academy building was burned, but was speedily replaced by "Old Academy Hall." Dr. Gregory resigned the presidency in 1886, having brought the institution $14,000 in scholarship

funds and $80,000 in buildings, and sent forth forty-five graduates. Rev. William C. Roberts, D.D., LL.D., succeeded to the presidency in September, 1886. In 1887, Rush Medical College and the Chicago College of Dental Surgery became departments of the University, and in 1889 the Chicago College of Law was added. The Durand Institute and the Gymnasium were erected in 1891. In April, 1892, President Roberts resigned, having added $800,000 to the endowment funds of the institution. For the next fourteen months Rev. James G. K. McClure, D.D., was President *pro tempore*, under whose administration the new academy buildings, Reid Hall, Annie Durand Cottage, and East Dormitory were erected, at a cost of $80,000. In June, 1893, John M. Coulter, Ph.D., was installed as President. In 1896, Dr. Coulter resigned, and John J. Halsey was elected Acting President.

The university comprises six distinct institutions: Lake Forest Academy, Ferry Hall Seminary, Lake Forest College, Rush Medical College, Chicago College of Dental Surgery, and Chicago College of Law. The first three are governed by the board of trustees of the university, while each of the three professional schools has its own board of trustees, but of all the four boards the president of the university is an *ex officio* member. The trustees number twenty-four.

Admission, Instruction, and Degrees: The admission requirements are based upon four years of secondary school work with three daily recitations. Candidates for admission must undergo examinations in English, history, mathematics, laboratory science, Latin, and one modern language. Certificates are accepted in lieu of examination from four academies of Illinois and Wisconsin, and from twenty-six high schools, two of which are in Iowa and Wisconsin. The requirements for graduation are four years of twenty-four semesters, with thirteen semesters of required work, and from five to seven of elective studies. Among the required subjects are English, mathematics, laboratory science, philosophy, and Biblical literature. In the college the degree of B.A., only is given. The master's degree is conferred after one year of resident graduate work, and the doctor's degree after three years of post-graduate work, two of which must have been spent at the university. The usual professional degrees are conferred by the professional schools.

Tuition, Scholarships, and Prizes: The charge for tuition is $60 for the year, lasting from September 14 to June 14. In addition to this, laboratory fees and a diploma fee of $10 are charged. The total expenses for the year are estimated at from $215 to $500. There are in all twenty-one scholarships, on incomes from sums ranging from $78 to $5,000. Of these scholarships, ten are available only for students studying for the ministry. In addition to this, tuition is remitted to all children of clergymen who need such assistance. A loan fund of $50,000, to be distributed in amounts not larger than $100, has been established by Dr. D. K. Pearsons.

Equipment: The college grounds cover seventy acres. Besides the residences provided for dwelling purposes and college clubs, there is a college dormitory, a recitation hall, an art institute, and a modern gymnasium with a swimming bath. The Library contains some 13,000 volumes. Ferry Hall, the women's building, contains some

2,000 volumes in addition. Laboratories exist for all branches of scientific work, as well as an astronomical observatory, and a herbarium.

Societies and Publications: The students publish the "Weekly Journal," and "The Stentor." The societies are: the Athenæan, the Zeta Epsilon, Tri Kappa, and Gamma Sigma for men, the Alephian for women, the Musical Association with glee, banjo and mandolin clubs, the Latin Club, Biological Club, Social Science Club, Athletic Association with teams for track athletics, baseball, football, and other field games, two Christian Associations and an Alumni Association. Chapters of the following fraternities have been organized: Κ Σ, 1878-1882; Γ Φ, and Φ Φ Ε.

Faculties.

COLLEGE.

John J. Halsey, M.A., Acting President, Political and Social Science.
Arthur C. Dawson, B.L., French.
Malcolm McNeill, M.A., Ph.D., Mathematics and Astronomy.
M. Bross Thomas, M.A., Bib. Lit.
Lewis Stuart, M.A., Ph.D., Latin.
Walter Smith, M.A., Ph.D., Philos.
Robert A. Harper, M.A., Botany.
Walter Ray Bridgman, M.A., Greek.
Frederick W. Stevens, B.S., Physics and Chemistry.
Albert E. Jack, M.A., English.
George W. Schmidt, M.A., German.
Edward M. Booth, M.A., Elocution.
Martin D. Atkins, Physics and Chem.
Edwin B. Uline, M.A., Botany and Herbarium.
William L. Bray, M.A., Botany.
Adelbert Grant Fradenburgh, Ph.D., Economics.
Tuley Francis Myron Huntington, B.A., English.
Henry B. Hinckley, M.A., English.
O. P. Seward, M.A., German.
Hiram M. Stanley, M.A., Librarian.
Mogens C. Jensen, B.A., Herbarium.

FERRY HALL SEMINARY.

Sabra L. Sargent, Principal, Math.
Lucy M. Smith, M.A., Hist., English.
Mary E. Taylor, M.A., Latin.
Helen M. Searles, M.A., Greek.
Lucia Goodwin, Science and Math.
Mary L. Phelps, M.S., English.
Mary Stevens Ayres, Greek and Gymnastics.
Fannie Belle Maxwell, M.A., German.
Susie H. Hall, French.
Lillian S. Cushman, Painting and Art.
Martha Fleming, Elocution.
Annie K. Sizer, Intermediate Branches and History.
Ida Maria Street, M.A., History and Literature.
George Eugene Eager, Instrum. Music.
Carrie Ripley, B.Mus., Instrum. Music.
Henrietta L. Meyer, Vocal Music.
Charlotte Marie Petisch, Mandolin and Guitar.

ACADEMY.

Charles A. Smith, M.A., Principal, Rhetoric.
William H. Williams, M.A., Mathematics and Physics.
William L. Burnap, B.A., Greek and History.
William F. Palmer, M.A., Ph.D., Latin.
William H. Dudley, Science.
William W. Truesdale, M.A., Greek and History.
George H. Meyer, M.A., German and French.
Will F. Brewer, B.A., English.

RUSH MEDICAL COLLEGE.

Edward L. Holmes, M.D., LL.D., President, Eye and Ear.
Henry M. Lyman, A.M., M.D., Med.
James H. Etheridge, A.M., M.D., Obstetrics and Gynecology.
DeLaskie Miller, A.M., M.D., Ph.D., Emeritus.
Ephraim Ingals, M.D., Emeritus.
Daniel T. Nelson, A.M., M.D., Emeritus.
Walter S. Haines, A.M., M.D., Chemistry and Toxicology.
James Nevins Hyde, A.M., M.D., Skin and Venereal Diseases.
Norman Bridge, A.M., M.D., Clinics and Diagnosis.

Arthur Dean Bevan, M.D., Anatomy.
Nicholas Senn, M.D., Ph.D, LL.D., Surgery.
E. Fletcher Ingals, A.M., M.D., Laryngology and Chest.
Daniel R. Brower, M.D., Mental Diseases and Therapeutics.
John B. Hamilton, M.D., LL.D., Surgery.
John Milton Dobson, A.M., M.D., Physiology and Histology.
Sanger Brown, M.D., Hygiene and Medical Law.
Truman W. Brophy, M.D., D.D.S., LL.D., Dentistry.
W. T. Belfield, M.D., Bacteriology and Surgery.
Alfred C. Cotton, A.M., M.D., Children's Diseases.
Ludvig Hektoen, M.D., Morbid Anatomy, and Director of Laboratories.
D. W. Graham, A.M., M.D., Surgery.
H. B. Stehman, A.M., M.D., Obstet.
Philip Adolphus, M.D., Gynecology and Clinics.
Harold N. Moyer, M.D., Neurological Clinics.
Henry P. Merriman, A.M., M.D., Gynecology.
James B. Herrick, A.B., M.D., Med.
J. H. Salisbury, A.M., M.D., Med.
John A. Robison, M.D., Medicine.
Henry Baird Favill, A.B., M.D., Medicine.
Eugene S. Talbot, M.D., D.D.S., Dentistry.
F. H. Montgomery, M.D., Dermatology and Urinary Diseases.
A. E. Kauffman, M.D., Chemistry.
John Edwin Rhodes, A.M., M.D., Laryngology and Chest.
Frederic S. Coolidge, A.B., M.D., Orthopedic Appliances.
George H. Weaver, M.D., Bacteriology.
Albert I. Bouffleur, M.D., Emergency Operations.
Frank A. Stahl, M.D., Obstetrics.
S. L. Weber, M.D., Materia Medica and Therapeutics.
William B. Marcusson, A.M., M.D., Surgery.
A. M. Corwin, A.M., M.D., Diagnosis.
Ignatz Lange, M.D., Children's Diseases.
Alfred Hinde, M.D., Eye and Ear.
Cassius D. Wescott, M.D., Eye, Ear.
William C. Cox, M.D., Eye and Ear.
D. D. Bishop, M.D., Histology, Microscopy, and Dermatology.
E. R. LeCount, M.D., Anat., Pathol.
J. J. Tuthill, M.D., Laryngol., Chest.
C. J. Whalen, M.D., Laryngol., Chest.
Frank D. Churchill, A.B., M.D., Children's Diseases.
D. L. Shaw, M.D., Anat., Physiol.
Charles A. Parker, M.D., Anatomy.
B. M. Linnell, A.B., M.D., Physiol.
Harvey A. Tyler, M.D., Gynecology.
Lawrence H. Prince, M.D., Gynecology and Obstetrics.
J. A. Patton, B.S., M.D., Materia Medica and Chemistry.
Samuel C. Beach, M.D., Laryngology and Chest.
W. F. Robinson, B.S., M.D., Dermatology.
E. Friend, M.D., Dermatology.
Emanuel J. Senn, M.D., Surgery.
Malcolm Gunn, M.D., Pathol., Surg.
William R. Parks, Ph.M., M.D., Pathol., Surgery, and Laryngology.
J. W. O'Neill, M.D., Bandaging.
F. W. Jay, M.D., Surgery.
E. J. Mellish, M.D., Surgery.
Elijah P. Noel, M.D., Physiology.
C. A. Wade, M.D., Children's Diseases.
James C. Gill, M.D., Materia Medica and Therapeutics.
Edward Buel Hutchinson, B.S., M.D., Obstetrics and Gynecology.
William J. Butler, M.D., Chemistry.
George W. Hall, A.M., M.D., Laryngology and Materia Medica.
George W. Reynolds, M.D., Surgery.
J. W. Vanderslice, M.D., Children's Diseases.
R. W. Holmes, M.D., Dermatology and Children's Diseases.
Arthur J. Holbrook, B.S., M.D., Laryngology and Chest.
George B. Joiner, A.M., M.D., Medicine and Obstetrics.
S. R. Slaymaker, Physiology.
Thomas A. Olney, Anatomy.
Frank Jordan Gould, Clerk.

COLLEGE OF DENTAL SURGERY.

Truman W. Brophy, M.D., D.D.S., LL.D., Dean, Oral Surgery.
W. L. Copeland, M.D., C.M., M.R.C.S., Anatomy.
W. T. Belfield, M.D., Pathology.
Charles B. Gibson, B.Sc., M.D., Chemistry and Metallurgy.

Frank H. Gardiner, M.D., D.D.S., Operative Dentistry.
C. N. Johnson, L.D.S., D.D.S., Operative Dentistry.
W. C. Barrett, M.D., D.D.S., Dental Anatomy and Pathology.
L. L. Skelton, A.M., M.D., Physiology.
A. H. Peck, M.D., D.D.S., Materia Medica and Therapeutics.
Calvin S. Case, M.D., D.D.S., Orthodontia.
Norman J. Roberts, D.D.S., Orthodontia.
G. N. West, D.D.S., Materia Medica and Therapeutics.
Leonard C. Borland, M.D., L.P., Anatomy.
J. R. Pagin, D.D.S., Prothetic Dentis.
L. S. Tenney, D.D.S., Operative Technics.
B. F. Eshelman, D.D.S., Prothetic Technics.
N. D. Edmonds, D.D.S., C. N. Thompson, D.D.S., H. C. Strong, M.D., D.D.S., F. E. Phillips, D.D.S., L. C. Borland, M.D., L.P., Daniel J. Hayes, M.D., W. F. Westerschulte, C. B. Gibson, B.Sc., M.D., H. J. Goslee, J. Prendergast, M.D., Jos. Prendergast, M.D., Edwin Hamill, M.D., Demonstrators.
Walter M. Fitch, M.D., Anatomy.
H. C. Strong, M.D., D.D.S., Physiol.
J. Prendergast, M.D., Chemistry.
D. M. Gallie, D.D.S., Dental Anat.
C. O. Bauth, D.D.S., Mat. Medica.

COLLEGE OF LAW.

Hon. Thomas A. Moran, Dean.
Hon. Henry M. Shepard, Hon. Edmund W. Burke, Hon. John Gibbons, Hon. S. P. Shope, Hon. O. N. Carter, C. E. Kremer, Frank F. Reade, Adelbert Hamilton.
Elmer E. Barrett, Secretary.

LA SALLE COLLEGE.

Philadelphia, Pa. *Men.* *Christian Brothers.*

The college was incorporated in 1853, and authorized to confer degrees of A.B., and A.M. In 1892 the Bouvier Mansion was occupied, and further buildings were erected by Francis A. Drexel. Courses in science, the classics, and literature are given, and special attention is paid to English. All examinations are in writing, and prize medals are awarded for excellence in study. The year lasts from the first Monday in September to the last Thursday in June. Tuition is $60 a year. The college is conducted by the Brothers of the Christian Schools, and none of the teachers are named in the college catalogue.

LAWRENCE UNIVERSITY.

Appleton, Wis. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	361	29	4	14,236

In 1846 Amos A. Lawrence, of Boston, gave $10,000, to which $10,000 were added, thus founding the Lawrence Institute. In 1849 it was made a university with the Rev. W. H. Sampson, president.

In 1853 a fund of $100,000 was raised, to which $50,000 was added in 1885. The presidents have been, the Revs.: William H. Sampson, 1849–1852; Edward Cooke, 1853–1861; Russell Z. Mason, 1861–1865; George M. Steele, 1865–1879; E. D. Huntley, 1879–1883; B. P. Raymond, 1883–1889; C. W. Gallagher, 1889–1893; Samuel Plantz, 1894 to the present.

The school is governed by sixteen trustees. Admission is by examination, and on certificates from accredited schools. A classical, modern classical, and scientific course lead to the degrees of B.A., B.S., and B.L. Degrees in music and commerce are given by the musical and commercial departments. There is also a university extension course. A loan fund provides for indigent students, and there are also scholarships remitting the tuition of $132 and ten prizes. The college year lasts from September 14 to June 23.

The university grounds cover sixty-two acres. The students maintain four literary societies: the Philolethean and Phœnix for men, and the Athena and Lawrence for women. A Science Club, Natural History Association, and Christian Association are also maintained. The "Lawrencian" is published.

Since 1857 some 616 alumni have been graduated, 583 of whom are living. The oldest of these is Henry Coleman, A.M., 1857, of Beloit, Wis.

Faculty.

Rev. Samuel Plantz, Ph.D., D.D., President, Ethics, Christianity.
Hiram A. Jones, A.M., Vice-President, Latin.
Rev. Henry Lummis, D.D., Greek.
Dexter P. Nicholson, M.S., Natural History and Geology.
George B. Merriman, A.M., Math., and Director of Observatory.
Charles W. Treat, A.M., Chemistry and Physics.
Charles O. Merica, A.M., History and Political Science.
Harriet E. Hammond, M.L., German and French.
Elizabeth Wilson, B.L., English Literature and Latin.
Lieut. James O. Green, Tactics.
Arthur J. Wilbor, B.S., Biology.
John Scott Davis, A.M., Sociology.
Samuel W. Trousdale, Ph.D., Evidences of Christianity.
John McCoy, A.B., Old Testament Literature.
Amos P. Wilder, Ph.D., Sociology.
Rev. George H. Trever, Ph.D., Comparative Religions.
Sara H. Parkes, Elocution and Physical Culture.
Rev. Emanuel Gerechter, D.D., Hebrew and German.
Rev. Henry P. Haylett, A.M., University Lecturer.
A. A. Trever, English.
J. H. Farley, Rhetoric.
Gunluf Guthormsen, Botany.
Ella M. Bottensek, Painting, Drawing.
John Silvester, Musical Director.
Harry Heard, Vocal Music.
Frank G. Dana, Brass Instruments.
Joseph Hassmann, Violin.
H. W. Harper, Mandolin and Banjo.
Zelia A. Smith, M.S., Librarian.
Oliver P. DeLand, Book-keeping.
Amanda Zimmerman, Book-keeping.
Alexander B. Whitman, A.M., Commercial Law.
Erna Zimmerman, Stenography and Typewriting.
Charles W. Treat, A.M., Secretary.

LEBANON VALLEY COLLEGE.

Annville, Pa. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
$11,500	117	10	3	4,800

The college was founded in 1866, and received its charter in the following year. The presidents have been: Rev. Thomas R. Vickroy, Ph.D., 1866–1871; Prof. L. H. Hammond, A.M., 1871–1876; Rev. D. D. DeLong, D.D., 1876–1887; Rev. E. S. Lorenz, A.M., 1887–1889; Rev. C. J. Kephart, D.D., 1889–1890; Prof. E. Benj. Bierman, Ph.D., 1890 to the present. It is governed by thirty-two trustees.

The degrees are B.A., B.S., and A.M., after three years. Attendance at chapel is compulsory. The literary societies are the Clionean, the Kalozetian and Philocosmian. The college grounds cover ten acres. There are also an Athletic Association, a baseball team, and two Christian Associations for men and women. The "College Forum," is published. Since the foundation of the school there have been 212 graduates, of whom 206 are living. The oldest of these is Albert C. Rigler, 1870, of Annville, Pa.

Faculty.

E. Benjamin Bierman, A.M., Ph.D., President, Philosophy.
H. Clay Deaner, A.M., Latin, Astron.
John E. Lehman, A.M., Math. and Natural Philosophy.
John A. Shott, Ped. B., Ph.M., Natural Science and Pedagogics.
Rev. J. A. McDermad, A.M., Greek.
Anna M. Thompson, Ph.M., Modern Languages, etc.
Carrie M. Flint, Instrumental Music.
Anna R. Forney, A.B., Harmony.
Oscar Ellis Good, A.B., Nat. Science.
Urban H. Hershey, Violin.

LEHIGH UNIVERSITY.

South Bethlehem, Pa. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,000	415	37	8	100,000

Asa Packer in 1865 gave $500,000 with 115 acres of land, and by his will added $2,000,000. The college is governed by eight permanent trustees, and by six honorary and four alumni trustees. There are three departments: the classical, Latin-scientific, and that of science and letters, together with special facilities in seven branches of engineering, chemistry, and architecture. The degrees are B.A., B.S., B.Ph., and A.M.; and in the School of Technology, C.E., M.E., B.M., B.S., E.M., E.E., A.C., M.S., and Ph.D. Admission is by examination only. Students in literary courses are permitted to take technical courses for a part of their work during the junior and senior

year. The expenses for the college year, from September 7 to June 16, are from $350 to $500. Three scholarships of from $200 to $250, and seven prizes of from $10 to $50 have been established.

The university library has shelf room for 160,000 volumes. Besides four laboratory buildings, there is an observatory and a gymnasium.

The students publish the "Brown and White," a weekly, the "Bun," a monthly, and the "Epitome," an annual. The societies are the Agora, for literary debates, the Mustard and Cheese, a dramatic club, the Chemical and Natural History Society, the Engineers' and Mining Club, the Classical Society, the Electrical and Architectural Club, the Toothpick, Ace, and Dynamite Eating Clubs, a University Glee Club, with Banjo and Mandolin Clubs, a Christian Association, and an Athletic Association, with football, baseball, track, and lacrosse teams, and a Brush Club. Chapters of the following fraternities have been established: Φ B K, 1870; Φ K Σ, 1870–1886; X Φ, 1872; A T Ω, 1882; Δ Φ, Ψ Υ, Θ Δ X, 1884; Δ Υ, 1885; Σ N, T B Π, Φ Γ Δ, 1886; Φ Δ Θ, Σ X, 1887; Δ T Δ, 1888: and B Θ Π, 1890.

Since the foundation of the college 782 alumni have been graduated, of whom 752 are living. The oldest of these is Miles Roch, C.E., 1869, of Philadelphia.

Faculty.

Thomas Messinger Drown, LL.D., President.
W. H. Chandler, Ph.D., F.C.S., Chem.
Benjamin W. Frazier, A.M., Mineralogy and Metallurgy.
H. Wilson Harding, A.M., Physics and Electrical Engineering.
Mansfield Merriman, C.E., Ph.D., Civil Engineering.
Severin Ringer, U.J.D., Modern Languages and History.
Edward H. Williams, Jr., B.A., E.M., A.C., F.G.S.A., Mining Engineering and Geology.
Joseph F. Klein, D.E., Mechanical Engineering.
William A. Robinson, A.M., Greek, and Secretary.
Edmund M. Hyde, A.M., Ph.D., Latin.
Rev. Elwood Worcester, A.M., Ph.D., Mental and Moral Philosophy.
William C. Thayer, A.M., English.
C. L. Thornburg, C.E., Ph.D., Philos.
William L. Estes, M.D., Physiology and Hygiene.
Alexander Macfarlane, M.A., D.Sc., LL.D., Electrical Engineering.
Arthur E. Meaker, C.E., Math.
Harvey S. Houskeeper, B.A., Physics and Electrical Engineering.
Preston A. Lambert, M.A., Math.
Joseph W. Richards, M.A., A.C., M.S., Ph.D., Metallurgy, etc.
Lewis B. Semple, A.M., Ph.D., Eng.
Ralph M. Wilcox, Ph.B., Civil Engin.
John P. Brooks, M.S., Civil Engin.
Prosser Hall Frye, B.A., English.
Robert Ferguson, A.B., Mod. Lang.
Frederic C. Biggin, B.S., Drawing and Architecture.
Fred. W. Spanutius, M.S., Qualitative Analysis, etc.
Will B. Shober, Ph.D., Chem. Philos.
Herman E. Kiefer, A.C., M.S., Geology and Lithology.
Joseph Barrell, B.S., E.M., Mining and Metallurgy.
Robert C. H. Heck, M.E., Mechanical Engineering.
J. Grant Cramer, A.M., Mod. Lang.
Samuel Lippincott Griswold Knox, M.E., Mechanical Engineering.
Harry M. Ullmann, A.B., Ph.D., Quantitative Analysis.
J. Henry Klinck, M.E., Elec. Engin.
Henry Storrs Webb, B.S., Elec. Engin.
John Hutcheson Ogburn, C.E., Mathematics and Astronomy.
Schuyler Stevens Clark, S.B., Physics.
Nathaniel Thurlow, A.C., Chemistry.
Wm. H. Hoffman, B.C.E., Civil Eng.
Rev. Elwood Worcester, A.M., Ph.D., Chaplain.
J. Fred Wolle, Organist.
C. W. Smith, Gymnasium.
William H. Chandler, Ph.D., A. W. Sterner, Wilson F. Stauffer, Peter F. Stauffer, Library.

LELAND STANFORD, JR., UNIVERSITY.

Palo Alto, Cal. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$250,000	1,100	85	18	30,000

History and Organization: Leland Stanford, and Jane Lathrop Stanford, in 1884, determined to found a university for both sexes, with all colleges, schools, seminaries, institutes, museums, and collections appropriate thereto. In the following year, the legislature of California passed an authorizing act, and in 1885 the grant was made. The cornerstone was laid in 1887, at Palo Alto, some three miles from the sea, near the Monte Diablo Mountains, thirty-three miles from San Francisco. David S. Jordan, the present president, was installed in 1891. The suit for $15,000,000, or the original endowment, between the university and the Federal Government was decided in the university's favor in 1895. The university is governed by twenty-four trustees, chosen for life.

Admission, Instruction, and Degrees: Candidates for admission have a choice of twenty-two subjects, in which to undergo examination. To attain full standing, twelve of these must be successfully passed. Certificates are not accepted in lieu of examination. Attendance at chapel or military drill is not required. The degrees are B.A., B.S., and C.E. No honorary degrees are given. Degrees of M.A., M.E., and Ph.D. are conferred only after resident post-graduate work. Expenses for the year lasting from September 3 to May 29 are from $225 to $500. Tuition is free.

Equipment: The estate, on which the university is situated covers 7,500 acres. The buildings are arranged in a series of quadrangles, the present central group consisting of two, one of which includes the other. The architecture of the buildings follows the *motif* of the Spanish missions. They are all low, with connecting open arcades, and are built around an open court covering more than three acres.

Publications and Societies: Besides twelve scholarly and scientific publications issued by the university, the students publish a daily and weekly paper, a junior annual, and a senior classical. The societies are: The Associated Students, Euphronia, Alpha, Philalexian Nestorian, Bench and Bar, Coif Club, Green Bag, Marshall, Curtis, and Bractam Law Clubs, Press Club, Zoölogical, Geological and Botanical Club, Engineers' Club, Republican and Democratic Clubs, University Orchestra and Band, Glee and Mandolin Clubs, Choral Society, Whist Club, and Students Guild. Chapters of the following Greek letter societies have been organized: Ζ Ψ, Φ Δ Θ, Φ Κ Ψ, Φ Γ Δ, Σ Ν, Σ Χ, Α Τ Ω, Σ Λ Ε, Δ Τ Δ, Β Θ Π, Χ Ψ, Κ Α, Δ Υ, Θ Ν Ε, Σ Σ, Δ Κ Ε, Ψ Υ, Θ Δ Χ, Α Δ Φ, Κ Α Θ, Κ Κ Γ, Π Β Φ, Ι Λ Σ, Δ Γ, and Α Φ.

The graduates number 365. The oldest of these is George W. A. Luckey, 1894, of Lincoln, Nebraska.

Faculty.

David Starr Jordan, M.S., M.D., Ph.D., LL.D., President.
Andrew Dickson White, A.M., Ph.D., LL.D., European History.
Benjamin Harrison, A.B., LL.D., Ex-Pres. U. S. A., Constitut. Law.
George Elliott Howard, A.M., Ph.D., History.
John Casper Branner, B.S., Ph.D., Geology.
Oliver Peebles Jenkins, A.M., M.S., Ph.D., Physiology and Histology.
John H. Comstock, B.S., Entomology.
Melville B. Anderson, A.M., English.
John M. Stillman, Ph.D., Chemistry.
Fernando Sanford, M.S., Physics.
Charles David Marx, C.E., Civil Eng.
Ernest Mondell Pease, A.M., Latin.
Charles Henry Gilbert, M.S., Ph.D., Zoölogy.
Douglas Houghton Campbell, Ph.D., Botany.
Earl Barnes, A.B., M.S., Education.
Thomas Denison Wood, A.M., M.D., Hygiene and Organic Training.
Albert William Smith, M.M.E., Mechanical Engineering.
Ewald Flügel, Ph.D., Eng. Philology.
Charles Benjamin Wing, C.E., Structural Engineering.
Frank Angell, B.S., Ph.D., L.H.D., Psychology.
Leander Miller Hoskins, M.S., C.E., Applied Mechanics.
Robert Edgar Allardice, A.M., Math.
Amos Griswold Warner, B.L., Ph.D., Economics and Social Science.
William Russell Dudley, M.S., Botany.
Augustus Taber Murray, Ph.D., Greek.
Albert Pruden Carman, A.M., D.Sc., Theoretical Physics.
Julius Goebel, Ph.D., Germanic Lang.
Edward Alsworth Ross, A.B., Ph.D., Economics and Finance.
Nathan Abbott, A.B., LL.B., Law.
Frederic A. C. Perrine, A.M., D.Sc., Electrical Engineering.
John Ernst Matzke, A.B., Ph.D., Romanic Languages.
Charles N. Little, A.B., Ph.D., Math.
Edward Howard Griggs, A.M., Ethics.
George Mann Richardson, A.C., Ph.D., Organic Chemistry.
James Owen Griffin, German.
Walter Miller, A.M., Archæology.
William H. Hudson, English Lit.
Rufus Lot Green, B.S., A.M., Math.
William Joseph Hussey, B.S., C.E., Astronomy.
Arley B. Show, B.D., A.M., History.
Orrin Leslie Elliott, Ph.D., Registrar.
Vernon L. Kellogg, M.S., Entomology.
Henry Rushton Fairclough, A.M., Greek and Latin.
Bolton Coit Brown, M.P., Painting.
James Perrin Smith, A.M., Ph.D., Mineralogy and Paleontology.
Alphonso Gerald Newcomer, A.M., English.
Henry B. Lathrop, A.B., English.
Lionel Remond Lenox, Ph.B., Chem.
Wilbur Wilson Thoburn, A. M., Ph.D., Ethics.
Mary Sheldon Barnes, A.B., History.
Emory Evans Smith, Horticulture.
Samuel J. Brun, B.-ès-S., French.
John Anthony Miller, A.M., Math.
David Ellsworth Spencer, B.L., A.M., History.
Arthur Bridgman Clark, M.Ar., Drawing and Draughting.
Frank Mace McFarland, Ph.B., A.M., Histology.
Margaret M. Wickham, A.B., German.
William Stuart Symington, Jr., A.B., Romanic Languages.
Mary Roberts Smith, Ph.B., M.S., Social Science.
Merritt E. Taylor, M.S., Physics.
George Clinton Price, B.S., Zoölogy.
John Charles Lounsbury Fish, C.E., Civil Engineering.
George Kriehn, A.B., Ph.D., History.
Stewart W. Young, B.S., Chemistry.
Robert Judson Aley, A.M., Math.
Westel Woodbury Willoughby, A.B., Ph.D., Political Science.
Charles Ellwood Cox, A.M., Math.
Herman DeC. Stearns, A.M., Physics.
Daniel W. Murphy, A.M., Physics.
Charles W. Greene, A.M., Physiology.
Margaret E. Schallenberger, Education.
Walter Robert Shaw, A.M., Botany.
Clelia Duel Mosher, A.M., Hygiene and Organic Training.
Harold Heath, A.B., Histology.
Irene Hardy, A.B., English.
Henry C. Myers, Ph.D., Chemistry.
Jessica S. Vance, Ph.B., English.
Karl G. Rendtorff, A.M., German.
Guido Hugo Marx, M.E., Mechanical Engineering.

Charles K. Jenness, A.M., Economics.
George Archibald Clark, B.L., Secr'y.
Anna Louisa Brown, B.P., Hopkins Laboratory.
Clark W. Hetherington, Gymnasium.
Orrison Vert Eaton, Assist. Registrar.
Maud March, Gymnasium.
John Copeland Kirtland, Jr., A.M., Latin.
Lucien Howard Gilmore, A.B., Physics.
Gertrude North Brown, Education, in charge of Kindergarten.
Julius Embret Peterson, Foreman of Forge.
Edward Soule, Foreman of Woodworking.
John Kinlay Wight, A.B., Art. Mus.
Flora Hartley, Zoölogical Museum.
Ray Lyman Wilbur, Physiology.
Clara Stoltenberg, Physiology.
Frederick John Teggart, A.B., Library.
Charles James Newman, John Mason Ross, Jackson Eli Reynolds, Library Assistants.
Alfred F. W. Schmidt, Louise Maitland, Percy Erwin Davidson, Cataloguers.
Frederick Louis Otto Roehrig, Ph.D., M.D., Lecturer Oriental Philology.
Ellen Frances Thompson, Mistress of Roble Hall.
Charles Edward Hodges, Resident Architect.

LELAND UNIVERSITY.

New Orleans, La. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,450	495	19	2	1,000

Holbrook Chamberlain, of Brooklyn, erected the first buildings of the university after its foundation in 1870, and after his death left the bulk of his property, about $100,000, as an endowment fund. It is governed by twenty-seven trustees. The degree of A.B. is given after a four years' course in the classics, mathematics, English, and psychology. No charge is made for tuition, but other expenses are from $85 to $150. The university has taken under its charge, as auxiliary schools, Howe Institute; Leland Academy, at Donaldsonville, La.; and Coleman Academy, at Gibbsland. Besides a Christian Society and an Endeavor Society, the Philomathean, a literary society for both sexes, is maintained.

Faculty.

Edward Cushing Mitchell, A.M., D.D., President, Theology, etc.
George Hurlburt Felton, A.M., M.D., Normal Principal.
Marcia Savage Mitchell, Lady Principal, Latin, etc.
Alfred A. Newhall, A.M., Greek, etc.
Jonas Henderson, A.B., History and Mathematics.
Mary Lena Briggs, Music.
Sophie Fanny Burns, Latin and English Literature.
Elizabeth Bompus Groves, Domestic Department.
William Allen, Armstead Venia Morrison, Alexander Hamilton Brown, Sub-Normal Department.
Lida Marsh Felton, Librarian.
Eli Noyes Smith, A.M., Principal Howe Institute.
Mary Brown Washington, Caroline Osborne Washington, Assistants.
Elizabeth Smith, Matron.
Oliver Lewis Coleman, A.M., Principal Coleman Academy.
Samuel Simpson Gray, Principal Leland Academy.
Alice Peterson, Assistant.

LENOX COLLEGE.

Hopkinton, Iowa. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	173	9	2	2,500

The college was founded in 1884. The trustees number twenty-one. Admission is on certificate and by examination. The degrees are A.B., B.S., and B.L. The expenses for the year, from September 8 to June 12, are $150, of which $30 is for tuition. Prizes are given for essays and debate. The productive funds of the institution aggregate $9,000. The societies are the Athenian and Clionian, and two Christian Associations. The graduates number 200, the oldest of whom is Ralph H. Kirk, of Sturgis, S. D. A ladies' hall, with gymnasium, has recently been erected by the alumni.

Faculty.

Rev. Hugh Robinson, A.M., Pres.
Andrew G. Wilson, A.M., Natural and Physical Science, and Librarian.
Mary C. Lord, A.M., French, German.
Lura I. Vaughn, A.M., English.
David C. Mackintosh, A.M., New Testament Greek.
C. E. Merriam. Jr., A.B., Ancient Languages.
W. B. Guthrie, Ph.B., Political Science, and Secretary.
Lucy L. Gearheart, Book-keeping.
Luella Gibson, Music.
Myra Parker, Matron Clarke Hall.

LINCOLN UNIVERSITY.

Lincoln, Ill. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,500	160	9	1	2,000

The university was founded in 1865. The presidents have been: Azel Freeman, D.D., 1866–1870; J. C. Bowden, D.D., 1870–1873; A. J. McGlumphy, D.D., 1873–1887; Albert McGinnis, Ph.D., (Vice-President), 1887–1888; and A. E. Turner, A.M., the present incumbent. It is governed by fourteen trustees. Degrees of B.A., B.S., and in music are given. The expenses for the year, lasting from September 3 to June 18, are $132. Attendance at chapel is compulsory. Negroes are not excluded. The societies maintained by the students are: Y. M. C. A., Y. W. C. A., Philomathean Association, Amasagacian Literary Society, Athenian Society, Amicitian Society, Athletic Association, Tennis Association, Baseball Club, Football Team, and Alumni Society. The "Lincolnian" is published monthly. Since the foundation of the school 247 students have been graduated, of whom 228 are living. The oldest of these is A. J. Wallace, M.D., 1868, of Decatur, Ill.

Faculty.

Archelaus Ewing Turner, A.M., President, Natural Science.
Estelle Biddle Clark, A.M., English and History.
Alexander Von Wolffersdorff Leslie, A.B., Greek and Latin.
Frederick Herman Zimmermann, M.M., School of Music.
William Polk Russell, A.B., Mathematics.
Christopher Stoner Oglevee, B.S., Preparatory School.
Katharine Miller, M.D., Hygiene.
Lillian Maude Dougherty, Drawing and Painting.
John Wesley Hart, Laboratory.

LINCOLN UNIVERSITY.

Oxford, Pa. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$35,000	191	11	7	15,000

This institution, situated in Chester County, was founded in 1854, to give classical, scientific, and theological instruction to negroes. It is governed by a board of twenty-one trustees. Applicants must be at least fifteen years old. Attendance at chapel is compulsory. The college year lasts from September 26 to June 4, and the total expenses for the year are estimated at $122. The literary societies are the Garnet Association and the Philosophian. Attendance at the meetings of one of these societies is required. Since the foundation of the school there have been 658 graduates, the oldest of whom is the Rev. W. D. Johnson, of the class of 1860.

Faculty.

Rev. Isaac N. Rendall, D.D., President.
Rev. Gilbert T. Woodhull, D.D., Greek and New Testament.
Rev. John B. Rendall, A.M., Latin.
Rev. Robert Laird Stewart, A.M., Pastoral Theology, etc.
Rev. J. Aspinwall Hodge, D.D., English Bible.
J. Craig Miller, M.D., Natural Science.
Walter L. Wright, Jr., A.B., Mathematics and Librarian.
Rev. William Deas Kerswill, B.D., Hebrew and History.
Rev. William R. Bingham, D.D., Systematic Theology.
Charles E. Tucker, A.B., Greek.

LOMBARD UNIVERSITY.

Salisbury, Ill. *Co-Educational.* *Universalist.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	161	18	——	7,000

The Liberal Institute, the precursor of Lombard University, was opened in 1852; was chartered in the following year; and three years later became a university and took the present name. The first

class was graduated in 1856. A divinity school was opened in 1881, and an elective system organized in 1894. The university is governed by twenty-six trustees. It is divided into four departments: the college of liberal arts, the preparatory department, the divinity school, and the school of music and art. Admission is on examination and on certificate. The degrees are B.A., B.S., and M.A. The expenses for the year, lasting from September 3 to June 4, are $150. There are six money prizes for oratory, and fifteen scholarships on an interest of $1,000 each. The societies are the Erosophian for men, the Philomathean for preparatory students, the Zetacalian for women, and the Philalethian for divinity students. Chapters of the following fraternities have been organized: Δ Θ, 1869; Δ Τ Δ, 1869–1885; Π Β Φ, 1873; Φ Δ Θ, 1878.

The "Review" is published. Since the foundation of the school there have been 298 graduates, of whom 257 are living. The oldest of these is William R. Cole, 1856, of Mount Pleasant, Ill.

Faculty.

Rev. John Van Ness Standish, Ph.D., LL.D., President, Philosophy.
John Clarence Lee, A.M., English, Rhetoric, and Librarian.
Isaac Augustus Parker, Ph.D., Greek.
Nehemiah White, Ph.D., D.D., Biblical Languages, etc.
Frederick William Rich, B.S., Natural Science, Curator of Museum.
Philip Green Wright, A.M., Mathematics and Astronomy.
Carrie E. Bascom, Modern Languages.
Anna Chappell Gunnell, Elocution and Physical Culture.
John Watson Grubb, M.S., Latin.
Helen Carlton-Marsh, Singing.
Mary Frances Smith, Piano.
Mary Gaston Crippen, Guitar and Mandolin.
Isabelle Blood, Drawing and Painting.
Emily Augusta Hadley, Principal.

NON-RESIDENT LECTURERS.

Augusta J. Chapin, D.D., English Literature and Art.
Marion D. Shutter, D.D., Biblical Literature.
A. J. Canfield, D.D., Preaching.
M. H. Harris, D.D., Pastoral Theol.

LOUISIANA STATE UNIVERSITY.

Baton Rouge, La. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$33,756	193	20	25	20,000

History and Organization: Grants of land were made from 1806 to 1827 for the use of a "Seminary of Learning." In 1855 a State Seminary and Military Academy was established at Alexandria. It was opened in 1860 with William Tecumseh Sherman as superintendent. Instruction was suspended throughout the Civil War. The original building was burned to the ground in 1869, causing the removal of the college to Baton Rouge. The agricultural and mechanical colleges associated with it were established at New

Orleans in 1873. The fusion was brought about in 1877. The federal government relinquished its old fort, dating back to the Spaniards, with grounds of 213 acres to the university in 1886, thus adding a lake and campus of fifty-two acres to the former grounds. The supervisors number fourteen.

Admission, Degrees, etc.: Five courses are offered: the agricultural, mechanical, engineering, classical, Latin-scientific, and general scientific. Admission is by examination. Attendance at military drill is compulsory. The degrees are A.B. and B.S., with post-graduate degrees of A.M., M.S., and C.E. Medals are given by the Faculty and Alumni Society. Seventy-five beneficiary cadets may be sent from as many parishes at a cost of $250 each. Tuition is free. The college year lasts from September 16 to June 16.

Equipment: Of the twenty-five buildings four are used as barracks. Besides these there is an armory for each of the cadet companies. A new gymnasium and hospital have recently been equipped, and laboratory buildings for agriculture, chemistry, and physics have been established. On the grounds overlooking the Mississippi are a botanical garden, herbarium, and artificial lake, with a government experiment station.

Societies and Publications: The students maintain the Clay-Gibson Debating Society, and publish a student journal. Chapters of the following fraternities have been organized: Κ Α, Α Γ, 1885; Κ Σ, Σ Ν, 1887. The graduates since 1869 number 166.

Faculty.

Col. J. D. Boyd, President, Philos.
W. W. Clendenin, A.M., M.S., Geology and Mineralogy.
Charles E. Coates, Jr., Ph.D., Chem.
W. R. Dodson, A.B., S.B., Botany.
Lieut. C. C. Gallup, Military Science.
W. H. Goodale, Philosophy.
H. A. Morgan, B.S.A., Zoölogy.
J. H. Randolph, Jr., C.E., Mechanical Drawing.
E. L. Scott, A.M., Languages.
C. Alphonso Smith, A.M., Ph.D., English.
Wm. C. Stubbs, Ph.D., Agriculture.
S. B. Staples, B.S., D.V.S., Veterinary Science.
W. D. Taylor, C.E., Physics and Engineering.
T. W. Atkinson, B.S., C.E., Physics and Mathematics.
D. N. Barrow, B.S., Agriculture.
F. H. Burnette, Horticulture.
C. H. Stumberg, A.M., Languages.
C. E. Ives, A.B., Principal Preparatory Department.
C. K. Thompson, B.S., C.E., R. G. Pleasant, A.B., A. Brian, A.B., J. B. Roberts, A.B., Instructors.

LUTHER COLLEGE.

Decorah, Iowa. *Men.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,883	200	13	1	7,755

Luther College was founded in 1861 by the Norwegian Evangelical Synod. It was temporarily located at Half-way Creek, Wis., but in

1862 was removed to Decorah, Ill., where it occupies thirty-two acres. It is governed by a board of nine trustees, and there is also a board of ten visitors. Degrees of B.A., and M.A. are given, but special attention is paid to preparing students for the ministry. Attendance at chapel and gymnastic exercise are compulsory. The expenses for the year, lasting from September first to June sixteenth, are from $80 to $110. The societies are the Irving, the Amphictyonic, the Athenian, and the Normannalaget. "College Chips" has been published since 1882 in English and Norwegian. There have been 279 graduates since 1866.

Faculty.

Rev. Laur. Larsen, President, History, Hebrew, etc.
Rev. Chr. A. Næseth, A.M., English Literature, History, Greek Testament, and Librarian.
Gisle Bothne, A.M., Greek and Norwegian.
H. W. Sheel, B.S., Math., Science.
Rev. H. I. G. Krog, Norwegian, Latin, etc.
W. Sihler, A.M., German, Greek, and Zoölogy.
George Markhus, A.B., English, U. S. History, etc.
J. E. Granrud, Ph.D., Latin.
Haldor Hanson, A.B., Music.
J. M. Peterson, Penmanship.
Th. Normann, Gymnastics.
Oscar Ström, Algebra.
I. Anderson, Arithmetic.

MACALESTER COLLEGE.

St. Paul, Minn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,000	143	9	3	6,000

The college is the outgrowth of the Baldwin School, and was opened in 1865. It is situated midway between St. Paul and Minneapolis. It is governed by a board of fifteen executive and three honorary trustees. Admission is by examination and on certificate. Elective studies are offered throughout the college course. The expenses for the year, lasting from September 16 to June 16, are $125. The societies are the Criterion and Philadelphian, with an Oratorical and Athletic Association. The students publish the "Echo," a fortnightly.

Faculty.

James Wallace, Ph.D., Acting President, Greek and Anglo-Saxon.
Edw. Collins Downing, A.M., Latin.
Andrew Work Anderson, A.M., Philosophy and English.
Rev. George William Davis, Ph.D., Hebrew and English.
Newton Kingery, A.B., Physics, Chem.
Lester Dorman Brown, A.B., Greek and German.
Charlotte M. C. Mead, German.
Harry E. Phillips, Music.
Marguerite Morton, Elocution.
Orlando H. Cheeks, Drawing.

MAINE STATE COLLEGE.

Orono, Me. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$66,700	279	31	17	7,755

History and Organization: In 1863 the State accepted the agricultural grant of 1862, and from its proceeds established this college. In 1865 a board of fifteen trustees was appointed, among whom was Hannibal Hamlin. The presidents have been: C. Fernald, A.M., 1868–1871; Charles F. Allen, D.D., 1871–1879; C. Fernald, Ph.D., 1879–1893, and A. W. Harris, Sc.D., 1893 to the present time.

Admission, Degrees, etc.: Admission is by examination or on the certificate of any of forty-three approved schools. Two general courses are offered: Latin and Latin-scientific; four scientific courses: chemical, agricultural, medical, and preparatory; three technical courses: civil, mechanical, and electrical engineering, and five short courses. The degrees are B.S., C.E., and M.E. Other diplomas are also granted. Attendance at chapel and military drill is compulsory. Negroes are not excluded.

Dues, Scholarships, and Prizes: Tuition is free, but there are so many incidental charges that the expenses for the year are estimated at $200. One scholarship, the income of which is not stated in the catalogue, is offered together with eight prizes for excellence in study. A loan fund has also been provided.

Equipment: The college grounds cover 360 acres. In all $500,000 have been spent on buildings and grounds. Connected with the Horticultural Building is a Government Experiment Station, dairy, and botanical garden. The library contains nine thousand books and pamphlets.

Societies and Publications: Besides catalogues, reports, bulletins, and circulars published by the college as such, the students publish the "Cadet," a monthly, and the "Prism," a junior annual. The societies are: the Engineering and Electrical Society, Photographic Club, Y. M. C. A., Publishing Association, Reading Club, Press Club, college band and orchestra, and an Athletic Association with baseball, football, and other teams. Chapters of the following fraternities have been organized: Φ Τ Υ, 1874; Α Σ Χ, Β Θ Π, 1878; Κ Σ, 1886; Α Τ Ω, and Ο Ε Η Π.

The graduates number 441, the oldest of whom is B. F. Gould, 1872, of Hollister, Cal.

Faculty (incomplete).

Abram Winegardner Harris, Sc.D., President.
George Herbert Hamlin, C.E., Civil Engineering.
Alfred Bellamy Aubert, M.S., Chem.
Allen Ellington Rogers, M.A., Civics and Logic.
Walter Flint, M.E., Mechanical Engineering.
Whitman Howard Jordan, M.S., Agriculture.
James Monroe Bartlett, M.S., Lucius Herbert Merrill, B.S., Chemists.
Francis Leroy Harvey, Ph.D., Natural History.
James Norris Hart, C.E., Mathematics and Astronomy.
Howard S. Webb, B.M.E., Shop Work.

Fremont Lincoln Russell, V.S., Biology, etc.
Nathan Clifford Grover, B.C.E., Civil Engineering.
Harriet C. Fernald, M.S., Librarian.
Welton Marks Munson, M.S., Horticulture.
Horace Melvyn Estabrooke, M S., M.A., English.
James Stacy Stevens, Ph.D., Physics.
Gilbert Mottier Gowell, M.S., Animal Industry.
David Wilder Colby, B.S., Chem.
Harris P. Gould, B.S., Horticulture.
Albert Joseph Durgin, Wood-work.
Fred Charles Moulton, M.S., Chemist.
Elmore David Cummings, C.E., Civil Engineering.

MANHATTAN COLLEGE.

New York, N. Y. *Men.* *Christian Brothers.*

Income,	Students,	Instructors,	Buildings,	Books,
$64,577	644	26	1	10,000

The college was organized in 1853, and dedicated ten years later. It is governed by a board of trustees, and is divided into two departments, the classical and the scientific. Instruction is also given in architecture and commercial methods. Admission is by examination or on regents' certificates. The degrees are B.A., B.LL., B.S., C.E., and M.A. after two years. The expenses for the year, lasting from the first Monday in September to the last Friday in June, are $350. There are seven scholarships, and numerous medals are given for proficiency, as well as a prize of $50 for the best English essay. Besides seven literary unions, the students maintain a glee club and a college orchestra.

There are six other institutions which are affiliated with the college. In all, 542 students have been graduated, the oldest of whom is Rev. J. P. McClancy, 1866, of Middletown, N. Y.

Officers.

Rev. Brother Quintinian, Chairman Board of Trustees.
Rev. Brother Justin, President.
Rev. Brother Elzear, Director.
Rev. Brother John, Secretary.
Rev. Brother Angelus, Treasurer.

MARIETTA COLLEGE.

Marietta, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	297	25	4	52,000

History and Organization: In 1830 the Marietta Institute of Education was established with four departments, among which were a high school and a ladies' seminary. In 1832 a Women's Teachers' Seminary was added. In 1835, after a transfer of the property, the present name was adopted, and the present quarters occupied. There was then a faculty of five. The first class was graduated in

1838. The presidents have been: Joel H. Linsley, D.D., 1835–1846; Henry Smith, D.D., LL.D., 1846–1855; Israel W. Andrews, D.D., LL.D., 1855–1885; John Eaton, Ph.D., LL.D., 1885–1891; John W. Simpson, D.D., LL.D., 1892 to the present. In 1893 Marietta College for Women was opened under the original college charter, but with a provision that instruction to women was to be given in a separate building.

Admission and Degrees: Admission is upon examination, with special reference to the studies taken in the preparatory department. The studies in the regular courses are largely elective during the last two years, but English is required throughout. The expenses for the year, lasting from September 7 to June 18, are $120. There are thirty general scholarships and several private ones, besides fourteen cash prizes and four gold medals. Degrees of B.A., B.S., B Ph., M.A., and Ph.D. are given. Honorary degrees are extensively bestowed.

Equipment: There are five college buildings, among which are a library, science building, observatory, and museum. The library contains over fifty thousand volumes, several thousand pamphlets, while some eleven thousand volumes are owned by the students' societies. There are three laboratories and a college chapel. Opportunities for exercise are furnished by extensive athletic grounds and a college boathouse.

College Publications and Societies: The students publish the "Olio," an annual, and the "Monthly Medical Journal." The "Bulletin" and a law journal are issued by the Faculty. There are two literary societies, two Christian Associations, a Mathematical Society, two Alumni Associations, and an Athletic Association, with football, baseball, and tennis clubs. Chapters of the following fraternities have been established: Φ B K, Φ Γ Δ, 1855; A Σ Φ, 1860; and Δ Υ, 1870.

Faculty.

John Wilson Simpson, D.D., LL.D., President, Biblical Literature and Ethics.
Mary Schuyler Phillips, M.A., Dean, German.
Walter Greenwood Beach, M.A., Philosophy, History.
Amy Louise Barbour, B.A., Greek and Latin.
Elizabeth Edgerton Putnam, French.
Elizabeth Anderson, English.
Mary Louise Oldham, Mathematics.
Kate Stockton Blayney, Drawing, etc.
Bertha Dickinson Metcalf, Instrumental Music.
Mary Louise Buell, Vocal Music.
Martha Belle Van Vleck, in charge of Home.
Joseph Manley, B.A., Greek.
William Alpha Cooper, B.A., Modern Languages.
William Chamberlain Gurley, M.A., Director of Observatory.
Frank Craig Jordan, M.A., Math.
William Aaron Hadley, M.A., Latin.
William E. Sykes, Ph.B., Math.
Rodney Metcalf Stimson, M.A., Librarian Emeritus.
Elmore M. Monfort, B.A., Librarian.

INSTRUCTORS FOR WOMEN.

Thomas Dwight Biscoe, LL.D., Biology and Botany.
Joseph Hanson Chamberlin, Litt.D., Latin.
Edward Emerson Phillips, Ph.D., Greek and Philosophy.
James Allen Smith, Ph.D., Economics and Sociology.
Wilson Forsythe Monfort, B.A., Chem., Mineralogy, and Geology.
John Cutler Shedd, B.A., M.S., Physics and Mathematics.
James Francis Jones, B.S., M.D., Physiology.
John Shape Donaghho, B.A., Sciences.

MARQUETTE COLLEGE.

Milwaukee, Wis. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,500	292	15	1	9,100

The college was chartered in 1864, but was not opened until 1881. The presidents have been: James Rigg, 1881; Rev. T. Baudreaux, 1882; Rev. Thomas Fitzgerald, 1884; Rev. S. P. Lalimiere, the founder, 1887; Rev. P. Meyer, 1890; Rev. V. Putten, 1893; and the Rev. Leopold Bushart, 1894. The trustees number five. Admission is by examination only. The degree of A.B. is conferred, and that of A.M. after one year of post-graduate study. Attendance at chapel is compulsory only for Catholic students. Tuition for the year lasting from first week in September to last week in June, is $60. A gold medal is given for the best Latin essay; three smaller gold medals and four silver medals for literary excellence, with a money prize of $25 for the best essay. More than one hundred premiums are distributed annually.

The societies are the Marquette, the Historical Academy, the Library Association and an Alumni Society. Contests in oratory are held at the close of the year. The graduates number 120.

Faculty.

Rev. Simon A. Blackmore, S.J., Philosophy, English, and Religion.
John J. Driscoll, S.J., Physics and Mathematics.
Rev. James J. Corbley, S.J., Rhetoric.
George R. Kister, S.J., Poetry.
Rev. Francis J. Finn, S.J., Humanities.
Rev. Michael Cornely, S.J., Penmanship and Shorthand.
Rev. Simon A. Blackmore, S.J., Rev. Henry M. Calmer, S.J., James T. Shannon, S.J., Rev. John C. Burke, S.J., John E. Copus, S.J., Elocution.
Michael J. Rohan, B.S., Book-keeping.
Rev. Victor Putten, S.J., Latin.
Arthur E. Muth, A.B., Commercial Branches.
Aloysius Laur, S.J., Librarian.

MARYVILLE COLLEGE.

Maryville, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,500	446	15	7	12,000

The college was founded in 1819, with an entering class of five. It was closed during the war, but reopened in 1866, when $265,000 was secured, together with 250 acres, commanding a view of the Cumberland and the Smoky mountains, and seven buildings. The directors number forty-eight.

Admission is by examination and upon certificate. The degrees are A.B., B.S., and B.L., and the master's degree is conferred after three years. Students are permitted to elect studies. The expenses for the year, lasting from September 3 to May 27, are $80. A gold

medal, and two scholarships are given for excellence in study, and a fund of $7,000 has been established to help poor students.

The societies are the Biononian and Theta Epsilon for women, with the Athenian and Alpha Sigma for men. The Adelphic, a society which holds an annual contest, is composed of all the other societies. Athletic, Alumni and Christian associations have likewise been organized.

Faculty.

Rev. Samuel W. Boardman, D.D., LL.D., President, Philosophy and Theology.
Rev. Samuel T. Wilson, D.D., English and Spanish, Librarian.
Rev. Elmer B. Waller, A.M., Math.
Rev. Herman A. Goff, A.M., Modern Languages.
James H. M. Sherrill, A.M., Greek.
George S. Fisher, Ph.D., Natural Sciences.
Jasper C. Barnes, A.M., Teaching.
Rev. John G. Newman, A.M., Latin.
Frank M. Gill, Robert C. Jones, Margaret E. Henry, Prep. Branches.
Charles Marston, English.
Agnes B. Clemens, B.L., Piano, Organ.
J. H. Newman, S. B. Parker, Singing.

MASSACHUSETTS AGRICULTURAL COLLEGE.

Amherst, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	206	19	28	17,000

The college was established by Act of Congress of July 2, 1862, supplemented by aid from the State, with grounds covering 360 acres. The presidents have been: Hon. Henry Flagg French, M.A., 1864–1866; Hon. Paul Ansel Chadbourne, M.D., D.D., LL.D., 1866–1867; Col. William Smith Clark, Ph.D., LL.D., 1867–1879; Charles Louis Flint, M.A., LL.B., 1879–1880; Hon. Levi Stockbridge, 1880–1882; Hon. Paul Ansel Chadbourne, M.D., D.D., LL.D., 1882–1883; James Carruthers Greenough, M.A., 1883–1886, and Henry Hill Goodell, M.A., LL.D., the present incumbent, elected in 1886.

On January 5, 1883, the Durfee plant house was destroyed by fire. In 1885 the same thing happened to South dormitory, and in June, 1894, to the college barn. Admission is by examination. Attendance at military drill is compulsory. Besides annual reports and bulletins issued by the experiment department of the college, the students publish the "Index," a junior annual, and "Aggie Life," a bi-weekly. A "Hand-book" is issued by the Young Men's Christian Association.

The societies are the College Shakespearean Club, Washington Irving Literary Society, Y. M. C. A., Natural History Society, Reading Room Association, Athletic Association with baseball and football teams, and a Polo Club, and the Glee and Banjo Clubs. Chapters of the following fraternities have been organized: Δ Γ Κ, 1868; Θ Τ Υ, 1869, and Φ Σ Κ, 1873. The graduates number 500, of whom 450 are living. The oldest of these is Lewis A. Sparrow, 1871, of Boston, Mass.

[*For all further matters and for Faculty, see Boston University, of which this college is a part.*]

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,

Boston, Mass. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$410,000	1,200	143	4	38,953

History and Organization: The institute was founded in 1861 after a memorial to the Legislature by Wm. B. Rogers. It was opened in 1865 with 272 students. The course of Electrical Engineering was established in 1886. The presidents have been: William Barton Rogers, 1865–70; John D. Runkle, 1870–78; Prest. Rogers (second term), 1878–81; and Francis A. Walker since 1881. The corporation consists of forty-one trustees and three ex-officio members: the governor, chief justice, and secretary of education of the State. Affiliated with the institute are the Lowell Institute, for general instruction, and the School of Practical Design.

Admission, Instruction, Degrees: Admission is by examination, which can be undergone in Boston and the principal cities of the union. Candidates must be seventeen years old. College graduates are admitted without examination. Twelve distinct courses lead to degrees of B.S. Of these courses, seven are in engineering, four in the sciences, with one of liberal learning. At the end of the first half year, in which the same instruction is given to all, the choice of courses is free. Specialization is encouraged. No religious services are held. Master's degrees are conferred only after resident graduate study.

Equipment: The buildings now occupied are the Rogers Building, on Boylston Street, devoted to instruction in mathematics, literature, history, political science, geology, mineralogy, and biology; the Walker Building, at the corner of Boylston and Clarendon Streets, mainly devoted to the departments of chemistry, physics, and electricity, and to instruction in language; the engineering building, on Trinity Place, devoted to the engineering laboratories and to instruction in mechanics and hydraulics, and in mechanical and civil engineering; the architectural building, immediately adjoining the engineering building; a series of workshops, on Garrison Street, with a room devoted to the Lowell School of Design; and a gymnasium and drill-hall on Exeter Street.

Besides the general library, a special reference library of 5,000 is owned by the Department of History and Political Science. Similar libraries are owned by the Departments of Chemistry, Physics, Electricity, and Railroads. Well equipped laboratories are maintained by all the departments. The annual expenses of the school aggregate nearly $500,000. Tuition for the year, lasting from the last week in September to the last week of May, is $200. Incidental expenses are estimated at $30, while living expenses are from $100 to $500. Thirty-three scholarships, equivalent to tuition, are available, with two funds yielding $400 each, for graduate students. In all, funds amounting to $75,000 are devoted to aiding poor students.

Societies and Publications: The students publish the "Tech," a weekly, and the "Technique," an annual. Social and other organiza-

tions of every description are maintained by the students, besides athletic teams and chapters of the following fraternities: Χ Φ, 1873–78; Σ Χ, 1882; Α Τ Ω, 1885–1886; Φ Γ Δ, Δ Ψ, Θ Ξ, Δ Τ Δ, 1889; and Θ Δ Χ, 1890.

Faculty.

Francis A. Walker, Ph.D., LL.D., President.
John D. Runkle, Ph.D., LL.D., Mathematics.
George A. Osborne, S.B., Math.
James M. Crafts, S.B., Organic Chem.
Robert H. Richards, S.B., Mining Engineering.
William H. Niles, Ph.B., A.M., Geol.
Charles R. Cross, S.B., Physics.
Gaetano Lanza, C.E., Mechanical Eng.
George F. Swain, S.B., Civil Eng.
Francis W. Chandler, Architecture.
Alphonse N. Van Daell, LL.D., Modern Languages.
William T. Sedgwick, Ph.D., Biology.
Davis R. Dewey, Ph.D., Economics.
Silas W. Holman, S.B., Physics.
Webster Wells, S.B., Associate Prof. of Mathematics.
Peter Schwamb, S.B., Mechanism and Workshops.
Cecil H. Peabody, S.B., Marine Engineering.
C. Frank Allen, S.B., Railroad Eng.
Alfred E. Burton, S.B., Topographical Engineering.
Dwight Porter, Ph.B., Hydraulic Eng.
Heinrich O. Hofman, E.M., Ph.D., Mining and Metallurgy.
Thomas E. Pope, A.M., General Chemistry.
Linus Faunce, S.B., Drawing.
Eleazer B. Homer, S.B., Architecture.
George T. Dippold, Ph.D., Modern Languages.
Henry P. Talbot, Ph.D., Analytical Chemistry.
Arlo Bates, A.M., Litt.D., English.
Lieut. John Bigelow, Jr., U. S. A., Military Science.
Desiré Disprodelle, Architectural Design.
Charles F. A. Currier, A.M., History.
William O. Crosby, S.B., Economic Geology.
Jerome Sondericker, C.E., Applied Mechanics.
Allyne L. Merrill, S.B., Mechanism.
Dana P. Bartlett, S.B., Mathematics.
Edward F. Miller, S.B., Steam Eng.
Frank Vogel, A.M., Modern Langs.
William L. Puffer, S.B., Electrical Engineering.
Frederick H. Bailey, A.M., Math.
Fred L. Bardwell, S.B., General Chem.
Augustus H. Gill, Ph.D., Gas Analysis.
Arthur A. Noyes, Ph.D., Organic Chemistry.
S. Homer Woodbridge, A.M., Heating and Ventilation.
Harry E. Clifford, S.B., Theoretical Physics.
Richard W. Lodge, Mining and Metallurgy.
Frederick S. Woods, Ph.D., Math.
Theodore Hough, Ph.D., Biology.
William Z. Ripley, Ph.D., Sociology and Economics.
Henry K. Burrison, S.B., Mechanical Drawing.
Ellen H. Richards, A.M., S.B., Sanitary Chemistry.
Charles L. Adams, Freehand Drawing.
Joseph J. Skinner, Ph.D., Math.
George H. Barton, S.B., Geology.
Peter S. Burns, Ph.D., General Chem.
John W. Smith, Industrial Chemistry.
Arthur G. Robbins, S.B., Highway Engineering.
James H. Stanwood, S.B., Civil Eng.
Henry N. Dickinson, A.M., English.
George W. Hombert, S.B., Mechanical Engineering.
Frank A. Laws, S.B., Electrical Measurements.
Nathan R. George, Jr., A.M., Math.
William H. Lawrence, S.B., Architec.
William S. Davenport, S.B., Analytical Chemistry.
Harvey M. Goodwin, Ph.D., Physics.
William Lincoln Smith, S.B., Electrical Engineering.
Edward Robinson, S.B., Mechanical Drawing.
Charles H. L. N. Bernard, Modern Languages.
Joseph Blachstein, Modern Langs.
Willis R. Whitney, S.B., Analytical Chemistry.
Carleton A. Read, S.B., Mechanical Engineering.

James Swan, S.B., Naval Architecture.
G. Russell Lincoln, S.B., Sanitary Chemistry.
Louis Derr, M.A., S.B., Physics.
George V. Wendell, S.B., Physics.
Léon E. Bernard, Modern Languages.
Robert P. Bigelow, Ph.D., Biology, Librarian.
Benjamin E. Carter, Jr., A.M., Math.
Henry G. Pearson, A.B., English.
Frank H. Thorp, Ph.D., Industrial Chemistry.
Charles E. Fuller, S.B., Mechanical Engineering.
William A. Johnston, S.B., Mechanical Engineering.
Joseph P. Lyon, S.B., Civil Eng.
Charles F. Park, S.B., Mechanical Engineering.
John O. Sumner, A.B., History.
William H. Walker, Ph.D., Analytical Chemistry.
Samuel P. Mulliken, Ph.D., Organic Chemistry.
George W. Rolfe, A.M., Analytical Chemistry.
L. Kimball Russell, S.B., General Chemistry.
Simeon C. Keith, Jr., S.B., Biology.
Ervin Kenison, S.B., Mech. Drawing.
Charles L. Norton, S.B., Physics.
Kilburn S. Sweet, S.B., Civil Eng.
F. Jewett Moore, Ph.D., Analytical Chemistry.
W. Felton Brown, Freehand Drawing.
Frederic H. Keyes, S.B., Mechanical Engineering.
Henry E. Crampton, Jr., A.B., Biol.
Justin Erhardt, Modern Languages.
Henry Fay, Ph.D., Analytical Chem.
Harry W. Gardner, S.B., Architecture.
George B. Haven, S.B., Mechanical Engineering.
Frank P. McKibben, Civil Eng.
Joseph W. Phelan, S.B., Chemistry.
Franklin H. Robbins, S.B., Mech. Drawing.
Alexander W. Moseley, S.B., Mech. Engineering.
Harold K. Barrows, S.B., Civil Eng.
Jesse H. Bourne, S.B., Mechanical Engineering.
Carl H. Clark, S.B., Mechanical Eng.
William J. Drisko, S.B., Physics.
Fred A. Hannah, S.B., Mechanical Engineering.
Henry A. Holdrege, S.B., Physics.
Frederick W. Howe, S.B., Chem.
Charles A. Meserve, S.B., Sanitary Chemistry.
James F. Norris, Ph.D., Organic Chemistry.
Samuel C. Prescott, S.B., Biology.
Charles R. Walker, S.B., Chemistry.
Walter S. Williams, S.B., Industrial Chemistry.
Frank B. Nusters, S.B., Mechanical Engineering.
Theodore B. Merrick, Wood and Foundry-Work.
James R. Lambirth, Forging.
Robert H. Smith, Machine-Tool Work.
Minot A. Bridgham, Woodwork.
Everett H. Masters, Forging.
Ira G. Studley, Machine-Tool Work.
Herman Boos, Gymnastics.

There are besides the above, twenty-seven lecturers on special topics during the current year.

McKENDREE COLLEGE.

Lebanon, Ill. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,935	276	13	3	8,000

The college was organized as Lebanon Seminary in 1828, and is therefore the oldest institution of higher education in the West. In 1830 it took the name of Bishop McKendree who had bequeathed all his possessions to it, and came under the control of the bishops of

the Methodist Church. The first principal was E. A. Ames, who afterwards became a bishop, while the first president was the Rev. Peter A. Akers. The school is governed by thirty-six trustees. Entrance is by examination and by high school certificate. Degrees of B.A., B.C., B.L., and of Law are conferred, and M.A., after one year. The law degree gives admission to the bar of the State. Tuition for the year, lasting from September 10 to June 4, is $36. Special fees are charged for laboratory work. The societies are the Philosophian and Platonian for men, and the Clionian for women. There have been in all, 8,000 students, of whom 700 have taken degrees. The oldest graduate is H. H. Horner, 1841, of Lebanon, Ill.

Faculty.

McKendree Hypes Chamberlin, A.M., LL.B., President, Mental and Moral Science.
Albert G. Jepson, A.M., Ph.D., Librarian, Mathematics and Astronomy.
William C. Walton, A.M., Greek.
Edwin P. Baker, A.B., Latin, German.
Edward B. Waggoner, A.M., Natural Science and Physics.
Rev. T. H. Herdman, D.D., Dean of Post-Graduate Department.
George C. Worth, LL.B., Dean of Law Department.
J. Russell Miller, A.B., English.
Fred. Pesold, Ottilie Pesold, Instrumental Music.
M. Edwin Johnson, Vocal Music.
Abbie Lupton, Art.
W. L. Cunningham, Stenography and Typewriting.
E. B. Waggoner, Curator of Museum.
N. Theresa Jepson, Assist. Librarian.

McMINNVILLE COLLEGE.

McMinnville, Ore. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,800	112	5	1	2,025

McMinnville College was founded by the Baptists of Oregon in 1859 It is governed by a board of eighteen trustees. Admission is upon certificate. The degrees are B.A., and B.S. and certificates are given. The expenses of the year lasting from September 17 to June 12, are $150. The students maintain two religious associations, and one literary society, the Philergean, for both sexes. In all there have been twenty-one graduates, the oldest of whom is John M. Smith, 1882, of Astoria, Ore.

Faculty.

T. G. Brownson, President, English, Latin, and Philosophy.
Emanuel Northup, Math., Greek.
Mrs. T. G. Brownson, Languages.
W. F. Fargo, Sciences, Rhetoric, and English.
Mrs. F. E. Wolfenden, Elocution and Music.

MERCER UNIVERSITY.

Macon, Ga. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	211	14	———	6,000

The university was founded in 1833. Admission is on certificate. Degrees are conferred in art, science and pedagogy. The expenses for the year ending June 3, are $85, no charge being made for tuition. The graduates number 780. The president is the Rev. J. D. Gambrell, D.D.

(*Further information lacking.*)

METHODIST EPISCOPAL COLLEGE OF THE SOUTH.

Birmingham, Ga. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,000	109	6	1	500

The college was founded in 1894. Admission is on certificate. Attendance at chapel is compulsory. The degree is A.B. The expenses for the year ending May 23, are $100. The president is the Rev. L. Gordon, A.M.

(*Further information lacking.*)

MIAMI UNIVERSITY.

Oxford, O. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$27,000	125	12	4	13,000

History and Organization: The university was established under its present name in 1809, according to acts of Congress of 1792 and of 1803 vesting a township of land with the legislature of Ohio. The law of 1812 providing that the actual settlers should from a given date and forever after pay only a yearly rent of six per cent upon the purchase money, for a period of seventy years prevented the university from securing an increased revenue, and thus practically crippled it, so that in 1873 the school had to be closed. It was reopened in 1886, but has undergone a complete change of faculty since that time. Women were admitted in 1887. In 1896

the State legislature provided a special fund by levying an annual tax upon the State, and thus restored Miami University to its original rank.

The school is governed by twenty-six trustees. Admission is by examination and upon provisional certificates. In the junior year the majority of courses, and in the senior year all studies are elective. Attendance at chapel is compulsory. The degrees are B.A., B.S., and M.A. after one year and a specific examination. The expenses for the year, lasting from September 16 to the third week in June, are from $170 to $300. There is no charge for tuition. Free lecture courses are also given. Three prizes of $25 each are given for excellence in English and the classics.

Societies and Publications: The students publish "The Miami Journal." There are two literary societies with halls and libraries called the Erodelphian and Miami Union, and there is also an Oratorical Association offering an annual prize, an Athletic Association with football and baseball teams, and a Christian Association. Chapters of the following fraternities, three of which were originally founded at Miami, have been organized among the students: Α Δ Φ, 1835; Β Θ Π, 1839; Φ Δ Θ, 1848; Δ Κ Ε, 1852; Σ Χ, 1855–1858; and Δ Τ, 1866–1873.

Since the first class was graduated in 1824, there have been 1,093 graduates, of whom 513 are living. The oldest of these is John W. Caldwell, 1827 of Cincinnati, Ohio; while the best known is Ex-President Benjamin Harrison.

Faculty.

Rev. William O. Thompson, D.D., President, History, Polit. Economy.
Rev. Andrew D. Hepburn, D.D., LL.D., English.
Henry Snyder, M.Sc., Physics and Chemistry.
Roger Bruce Johnson, A.M., Philosophy.
Herman L. Ebeling, Ph.D., Greek.
Edward P. Anderson, Ph.D., French and German.
Aaron L. Treadwell, M.Sc., Biology and Geology.
Edward P. Thompson, A.M., Mathematics and Astronomy.
William B. Langsdorf, A.M., Latin.
Wilbur J. Greer, A.M., Prep. Dept.
Orlando B. Finch, A.M., Librarian.

MIAMI MILITARY INSTITUTE.

The school was founded in 1886 to meet the want of preparatory training for colleges in Ohio, but a collegiate course is at the same time given. Three courses lead to B.A., B.L., and B.S., and there are elective courses. The degree of M.A. is conferred after three years. Special attention is given to military instruction, and uniforms are worn by all the students. The expenses for the year, lasting from the third week in September to the first of June, are $350. The school is governed by seven trustees. The names of the teachers are not given in the catalogue.

MICHIGAN AGRICULTURAL COLLEGE.

Lansing, Mich. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$85,000	402	31	40	20,000

The college was organized in 1855 and opened in 1857. In 1862 it received a congressional land grant. It was under the control of the State Board of Education until 1861, when it came under that of the department of Agriculture. The presidents have been: Joseph R. Williams, 1857–1859; Theophilus C. Abbot, 1863–1885; Edwin Willits, 1885–1889; Oscar Clute, 1889–1893; Lewis G. Gorton, 1893–1895.

Admission is upon certificate and by examination. Degrees of B.S., and M.S. are conferred after four years, the latter being for graduate study, or for an honorary degree. Attendance at chapel is not compulsory, but military drill is. Negroes are not excluded. Of the forty buildings, seven are laboratories, three dormitories, and one a dwelling house for the teachers. Six new laboratories have been equipped, and there is an herbarium of 60,000 specimens. The general museum contains a large collection of zoölogical exhibits. The campus covers eighty acres, the college farm four hundred acres, while forty acres are devoted to horticulture.

The expenses for the year, lasting from September 14 to June 18, are $122. Besides the bulletins and reports issued by the experiment station, the students publish the "Weekly Record," an outgrowth of the former "Speculum," a monthly. The societies are, the Eclectic, Hesperian, Olympic, Columbian, Union, and Feronian, a branch of the Y. M. Christian Association, the Alumni Organization, and a Students' Organization, controlling athletics and matters of discipline; botanical and natural history societies, a Shakespeare Club, and a College Band. Chapters of the following fraternities have been organized: Δ Τ Δ, 1872; and Φ Δ Θ, 1873.

The graduates since 1851 number 676, of whom 645 are living. The oldest is Albert F. Allen, Vineland, Kan., of the class of 1861.

Faculty.

Jonathan L. Snyder, A.M., Ph.D., President.
Robert C. Kedzie, M.A., M.D., Chem.
William J. Beal, M.S., Ph.D., Botany and Forestry.
E. A. A. Grange, V.S., Veterinary Science.
Levi R. Taft, M.S., Horticulture.
Howard Edwards, M.A., LL.D., Modern Languages.
Herman K. Vedder, C.E., Math.
Lieut. Edson A. Lewis, U.S.A., Military Science.
I. H. Butterfield, Secretary.
Clinton D. Smith, M.S., Agriculture.
Charles L. Weil, S.B., Engineering.
Walter B. Barrows, S.B., Zoölogy.
Edith F. McDermott, Domestic Economy.
Frank S. Kedzie, M.S., Chemistry.
Wm. S. Holdsworth, M.S., Drawing.
Philip B. Woodworth, B.S., M.E., Physics.
Alvin B. Noble, B.Ph., English and Modern Languages.
Fred. B. Mumford, M.S., Agriculture.
Wilbur O. Hedrick, M.S., History and Finance.
Paul M. Chamberlain, M.E., Engineering.
Warren Babcock, Jr., B.S., Math.
Gager C. Davis, M.S., Zoölogy.

Charles F. Wheeler, B.S., Botany.
A. L. Westcott, B.M.E., Engineering.
Dick J. Crosby, B.S., English.
Burton O. Longyear, Botany.
Cyrus C. Pashby, B.S., Mathematics.
Gordon H. True, B.S., Dairying.
Merritt W. Fulton, B.S., Agriculture.
Thomas Gunson, Horticulture.
Ernest Wittstock, Farm.
Vinton V. Newell, B.S., Machine Shop.
Thomas Durkin, Horticulture.
Charles E. Hoyt, Wood Shops.
Linda E. Landon, Librarian.
C. J. Foreman, Assistant Librarian.

MIDDLEBURY COLLEGE

Middlebury, Vt. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,000	105	10	———	18,000

History, and Organization: In 1800 the General Assembly of Vermont established Middlebury College in one of the most picturesque spots of the Champlain Valley. The former presidents of the institution have been: Jeremiah Atwater, D.D., 1800–1809; Henry Davis, D.D., 1810–1817; Joshua Bates, D.D., 1818–1839; Benjamin Labaree, D.D., LL.D., 1840–1866; Harvey Denison Kitchel, D.D., 1866–1873; Calvin Butler Hulbert, D.D., 1875–1880; Cyrus Hamlin, D.D., LL.D., 1880–1885; Ezra Brainerd, LL.D., 1886 to the present time. The college corporation consists of a board of nineteen trustees.

Instruction: Two courses are furnished, the classical and the Latin-scientific. All studies for the first two years are prescribed; while for the juniors eleven hours a week, and nine hours a week for the seniors are prescribed. A system of honors is established. Dr. Merrill, a former proctor at Middlebury, gave $15,000 for prizes and elocution. Two prizes are offered for the best freshmen speakers, and two for proficiency in Latin. There are funds for the payment of term bills, a scholarship of $100 for a woman student, five scholarships of $60 each for deserving students, and $2,400 to be divided among thirty students.

College Adjuncts: The library has 20,000 volumes and 1,150 pamphlets. There is also a museum, rich in geological specimens, and a gymnasium with athletic grounds. Commencement is on June 25. Of the 2,524 students that have been graduated since the beginning of the college, 1,422 are now living. The oldest of these is Jonathan B. Kidder, of the class of 1821, in Huntington, Pa.

Faculty.

Ezra Brainerd, LL.D., President, Mental and Moral Science.
Henry Martyn Seely, A.M., M.D., Natural History.
William Wells Eaton, A.M., Greek.
Walter Eugene Howard, LL.D., History and Political Science.
Charles Baker Wright, A.M., Rhetoric and English Literature.
Myron Reed Sanford, A.M., Latin.
Wm. Wesley McGilton, A.M., Chem.
Theodore Henckels, S.B., Modern Languages.
Ernest Calvin Bryant, S.B., Physics and Mathematics.
Edward Angus Burt, Ph.D., Natural History.
Charles Leslie Leonard, A.B., Elocution.
C. B. Wright, Librarian.
Annie Lawrence Ritchie, A.M., Assistant Librarian.

MIDLAND COLLEGE.

Atchinson, Kan. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,759	120	12	3	5,000

The college was founded in 1887 by the Board of Education of the General Synod of the Evangelical Lutheran Church. The town of Atchinson contributed twenty acres and $55,000, and guaranteed to furnish two hundred students. The endowment is to be raised to $100,000. The trustees number fifteen.

Students holding high school diplomas are admitted. The degrees are A.B., B.S., and B.L. No honorary degrees are conferred. Attendance at chapel and gymnastic drill is compulsory. The expenses for the year, lasting from September 9 to June 10, are $160. Prizes of $30 are offered to freshmen and seniors.

The societies are the Kalophronean, the Wynn, the Excelsior, a Christian Association, Mission Band, an Alumni Association, and Athletic Association, with football and baseball teams. The students publish the "Midland." The graduates since 1891 number thirty-two. The oldest of these is Leroy H. Kelsey, 1891, St. Joseph, Mo.

Faculty.

Rev. Jacob A. Clutz, A.M., D.D., President, Philosophy.
Rev. J. Howard Stough, A.M., Ph.D., Greek and Latin.
E. B. Knerr, A.M., Sc.D., Mathematics and Sciences.
Rev. Carl Krueger, German, French.
Granville H. Meixell, M.A., Librarian, English.
Ella C. Beegle, Maggie C. Delo, B.S., Academic Department.
J. Francke Detweiler, A.B., Classics.
William C. Wright, A.M., Elocution and Music.
Josephine L. Platt, Music.
Margaret A. Root, Art.
David Lloyd, Director of Gymnasium.
George W. Livers, Proctor.

MILLIGAN COLLEGE.

Milligan, Tenn. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,500	204	11	1	1,400

The college was founded in 1882 in a picturesque situation amid scenes of historic interest. The trustees number eight. Admission is upon certificate. The degrees are A.B., B.S., B.L., and A.M., with M.L. five years after graduation. The expenses for the year, lasting from September to June, are $160. Most of the literary work at the college has been entrusted to the literary societies, of which there are several.

Faculty.

J. Hopwood, A.M., President, Ethics, etc.
J. P. McConnell, A.B., Ancient Languages.
H. R. Garrett, A.B., Mathematics.
Mrs. S. E. L. Hopwood, English and Elocution.
W. J. Shelburne, A.B., Mathematics.
T. B. McCartney, A.B., Literature.
J. V. Thomas, A.B., Preparatory Department and Languages.
Sallie Wade, Music.
J. G. Johnson, Shorthand, etc.
E. C. Wilson, A.B., Law.
Allie Owings, Primary Department.
L. C. Felts, B.S., Librarian.

MILLS COLLEGE.

Seminary Park, Cal. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	146	27	7	4,500

Mills Seminary was established in 1871, after the pattern of Mount Holyoke. It was chartered as a college in 1885. The site is an attractive one, and covers ground of 100 acres. The trustees number fourteen.

Admission is by examination or after a preparatory course in the seminary. Attendance at chapel is not obligatory. The degrees are A.B., and B.L. The expenses for the year, lasting from August 7 to May 28, are $350. Fourteen scholarships yielding from $160 to $400 are offered.

The students maintain the Bryant, the Missionary, and a Christian Endeavor Society, with an Alumni Association. The graduates number 500.

Faculty.

Mrs. C. T. Mills, President, Theism and Ethics.
Cynthia K. Goulding, President's Assistant.
Jane C. Tolman, Classics and Art.
Josiah Keep, A.M., Natural Science.
Ellen W. Bushnell, Librarian, History.
Mary Ellis, A.M., Psychology and Political Economy.
Ida J. Everett, B.L., English.
Emily Ruth Harris, B.L., English.
Katherine Andrews, Mathematics.
Mary L. Benton, B.A., Latin, Greek.
Mary Chamberlain, A.M., French and German.
Julia M. Adams, B.L., Latin, English.
Charlotte L. Tenney, B.L., Latin and Physical Culture.
Clara K. Wittenmyer, Grammar Dep.
Flora Howard, B.A., Assistant.
Louis Lisser, Music.
Julius Weber, Anna S. Gilbert, Daisy D. Foster, Instrumental Music.
Julie Rosewald, Vocal Music.
Lillian E. Morey, Assistant.
J. H. Rosewald, Musical History and Harmony.
Rocco M. Laraja, Guitar, Mandolin.
Leila Ellis, Elocution.
Julia Mann, Painting and Drawing.
Ella J. Nutting, Penmanship.
Hannah Williams, Hygiene.

MILLSAPS COLLEGE.

Jackson, Miss. *Men.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	166	16	3	5,000

The college is named in honor of its founder and principal benefactor, R. W. Millsaps. It was organized in 1892 by the Methodist-Episcopal Church of Mississippi. The school is governed by a board of thirteen trustees. Admission is upon certificate. Degrees of B.A., B.S., B.L., M.A., and M.S. are given. No tuition is charged. The expenses of the year, lasting from September 23 to June 16, are $120. Attendance at chapel is compulsory. Four scholarships have been established, and two cottages for students have been built. The literary societies are the Galloway and the Lamar, and there is a Y. M. C. A. and Athletic Association, though it has been the unvarying policy of the faculty to discourage all intercollegiate contests.

Faculty.

Rev. William Belton Murrah, D.D., Mental and Moral Philosophy.
William Lander Weber, A.M., English.
George Crawford Swearingen, A.M., Ancient Languages.
Anthony Moultrie Muckenfuss, Ph.D., Chemistry, etc.
Rev. James Adolphus Moore, Ph.D., Mathematics and Astronomy.
James Park Hanner, Jr., A.B., Ancient and Modern Languages.
Edward Mayes, LL.D., Law.
Hon. J. A. P. Campbell, LL.D., Hon. Frank Johnston, Hon. S. S. Calhoon, Hon. Thomas A. McWillie, Law Lecturers.
Robert Scott Ricketts, A.M., Mathematics and Greek.
Edward Latta Bailey, B.S., English and Latin.
Francis Marion Austin, A.B., History and Geography.
John Tillery Lewis, Gymnastics.
G. C. Swearingen, Librarian.

MILTON COLLEGE.

Milton, Wis. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,838,	160	11	3	4,000

In 1846 a "select school" was established at Milton, which became in 1848 the DuLac Seminary. In 1854 it was transformed into an academy and in 1887 was incorporated as Milton College. The trustees number twenty-six. Admission is upon certificates mainly. Bachelors' and Masters' degrees are given in arts, letters, science and music. The expenses for the year, lasting from September 4 to July 1, are $150. A new gymnasium and Scientific Hall are in process of erection.

An Alumni and Christian Association, three literary societies, and a Shakespeare Club are maintained by the students. The graduates number 250, of whom 211 are living. The oldest of these is Prof. Nathan C. Turning, 1867, of Riverside, Cal.

Faculty.

Rev. William C. Whitford, A.M., D.D., President, Philosophy, Rhetoric, History, and Finance.
Albert Whitford, A.M., Mathematics, Astronomy, etc.
Edwin Shaw, A.M., Latin, Chemistry.
Walter D. Thomas, A.M., Greek.
Ludwig Kumlien, M.S., Physics and Physiology.
Jairus M. Stillman, Mus. Doc., Music.
Charles H. Crandall, Violin.
Belle R. Walker, M.S., German and English.
Nelly M. Brown, B.S., German and English.
Charlotte D. Maxson, Painting.
Jennie A. Dunn, B.S., Elocution.
Alfred E. Whitford, Librarian.

MISSISSIPPI COLLEGE.

Clinton, Mis *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,150	240	8	4	8,000

In 1830 the college was established at Clinton by the citizens of that village. It was controlled at first by a board of elective trustees, then came under the control of the Presbyterians; and later, in 1850, under that of the Baptists. During the Civil War instruction was suspended, and a debt of $10,000 incurred by the preservation of the property, with simultaneous loss of a cash endowment of $100,000. In 1865 the debt was cancelled, the college restored to the Baptist denomination, the buildings repaired, and instruction resumed. Among the presidents have been Dr. I. Turner, Rev. E. C. Eager, Dr. Walter Hillman, Prof. M. T. Martin, Dr. W. S. Webb, Rev. R. A. Venable, and J. W. Provine, Ph.D., the present incumbent.

The school is governed by twenty-six trustees. The college year is from September 18 to June 3. Tuition is free. The degrees are B.A., B.S., and B.LL. Four gold medals are given every year for essays and speeches. There are two literary societies, the Hermenian and the Philomathean, and a society of missionary inquiry. Chapters of the following fraternities have been established: Φ K Ψ, 1860–1861; Σ A E, 1869–1875, and Σ X, 1873–1874. The students publish the "Mississippi College Magazine."

Faculty.

J. W. Provine, A.M., Ph.D., President, German and Science.
Rev. W. S. Webb, D.D., Psychology and Ethics.
J. G. Deupree, LL.D., English.
J. M. Sharp, A.M., Mathematics.
A. J. Aven, A.M., Latin and French.
J. L. Logan, A.M., Principal Preparatory Department.
R. A. Venable, A.M., D.D., History and Greek.
J. T. Walker, A.B., Natural Sciences.

MISSISSIPPI AGRICULTURAL AND MECHANICAL COLLEGE.

Starkville, Miss. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$38,099	336	25	9	3,794

History: The college owes its origin to an act of the general government passed in 1862, to encourage the establishment of industrial colleges. By this act public land was sold, realizing some $227,150 for the State. The State Legislature in 1878 gave one half of this to the Mississippi Agricultural College, and another to a similar school for negroes, upon the condition that a first-class institution be maintained, at which besides agriculture, horticulture, and the mechanic arts, also the classics and sciences should be taught, including military tactics.

Organization: The school is governed by nine trustees. Tuition is free for students residing in the State, but a matriculation fee of $5 is charged. Admission is upon examination or certificate. Applicants must be fifteen years of age, except in the case of two brothers entering simultaneously. In that case one may be under the specified age, but not more than two years. Military drill and attendance at chapel are compulsory. The degree of B.S. is conferred.

Societies, etc.: Besides a military company, forming a part of the militia of the State, there is an Athletic Association with baseball and football teams, tennis, wheeling, and fencing clubs, and a dramatic club and students' orchestra. The literary societies are the Dialectic and the Philotechnic. A chapter of Σ A E has been maintained since 1887, and there is also a Christian Association. Of the 180 graduates 173 are living. The oldest of these is H. H. Harrington, 1883, of College Station, Tex.

Faculty.

Gen. S. D. Lee, President.
Lieut. C. L. Steele, U.S.A., Commandant.
W. C. Welborn, B.Sc., Agriculture.
A. B. McKay, B.Sc., C. T. Ames, B.Sc., Horticulture.
A. J. Wiechardt, M.M.E., J. S. Wier, B.Sc., S. L. Grinstead, Mech. Arts.
G. C. Creelman, B.S.A., Biology.
W. L. Hutchinson, M.S., E. L. Robins, B.Sc., W. F. Hand, B.Sc., Chemistry.
W. H. Magruder, A.M., J. T. Connell, B.Sc., English.
Tait Butler, V.S., Veterinary Science.
B. M. Walker, M.Sc., J. C. Herbert, M.Sc., Mathematics.
Lieut. C. L. Steele, Military Tactics and Mathematics.
J. M. White, M.Sc., History, Civics, and English.
Dabney Lipscomb, A.M., Psychology and Ethics, Prep. Dept.
S. M. Tracy, M.S., Experiment Station.
J. S. Wallace, B.Sc., J. S. Carroll, B.Sc., Preparatory Department.
A. M. Maxwell, Penmanship, and Book-keeping.

MISSOURI VALLEY COLLEGE.

Marshall, Mo. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,600	395	13	2	2,000

The college was founded in 1868. It is governed by twelve trustees. Admission is by certificate. Three courses: the Classical, Philosophical, and English, lead to degrees of A.B., B.Ph., and B.L. The expenses for the year, lasting from September 3 to June 4, are $130. Three prizes of money, and medals are offered for excellence in study. A gymnasium has recently been equipped.

The students publish the "Delta," and maintain three literary societies, two Christian Associations, and two other organizations. The graduates number thirty-five, of whom May A. Caldwell, 1890, of Kansas City, Mo., is the oldest.

Faculty.

William Henry Black, D.D., Biblical Instruction.
Andrew Jackson McGlumphy, D.D., LL.D., Mathematics.
Wallace Elmer Grube, A.M., Greek.
Albert McGinnis, A.M., Latin and German.
John Moore Penick, A.M., Physics and Chemistry.
Joan Campbell Orr, A.M., History and Elocution.
Thomas Walton Galloway, A.M., Ph.D., Biology and Sociology.
Robert John Peters, A.M., English.
Myrtle Thorp, A.B., French and Latin.
Edgar Sands Place, Music.
M. Laura Woods Place, A.B., B.M., Violin and Guitar.
Mabel Hightshoe, Piano.
Erna Berry Watson, Painting.
George Herbert Mack, W. J. Dysart, and O. O. Russell, Librarians.

MISSOURI WESLEYAN COLLEGE.

Cameron, Mo. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
———	200	15	2	1,000

The college was founded in 1883, and opened in 1887. It is governed by ten trustees. There are four regular courses, leading to degrees of B.A., B.S., B.L., and B.Ph. Affiliated departments are: The School of Music and Art, the Preparatory School, the Academy, and the Commercial Department. The expenses for the year, lasting from September 10 to June 13, are from $100 upwards. A Loan Fund for deserving students has been established. Three literary societies and a Christian Association are maintained.

Faculty.

Rev. Chas. F. Spray, A.M., President, Philosophy and Literature.
Rev. C. W. Caseley, Vice-president, English Bible.
Kate E. Moss, B.A., Greek and Math.
Charles McCaskill, Latin and German.
Marion McKercher, Ped.M., Lit.
Maud S. Dawson, American Literature.

Charles Leo Huntley, A.B., Mathematics and Sciences.
Maude de Groot, Piano and Harmony.
Lucy D. Cooper, Piano.
Carrie Shepherd, Art.
Tandy W. Partin, Commercial Law.
Mary Hamlet, French.
Silas H. Corn, Political Economy.

MONMOUTH COLLEGE.

Monmouth, Ill. *Co-Educational.* *United Presbyterians.*

Income,	Students,	Instructors,	Buildings,	Books,
$17,000	352	13	2	18,000

Monmouth College was founded in 1856. The presidents have been: Dr. D. A. Wallace, 1856–1878, and J. B. McMichael, the present incumbent. The government of the school is vested in the University Senate, consisting of nine trustees, twenty-eight directors, three alumni, and an advisory board of seven ladies. Candidates are admitted upon written examination, or upon certificates from certain academies and high schools. Degrees of B.A., B.S., B.LL., and in music are conferred, as well as that of A.M., after three years of post-graduate study. The expenses for the year, lasting from September 4 to June 12, are from $175 to $250. Small prizes of money, and medals are given for excellence in speaking. There is no college gymnasium, but there is a Y. M. C. A. Gymnasium, and a park for the use of the Athletic Association, football and baseball team, and of the Tennis Club. Of the four literary societies, the Elocution and the Philo are for men, and the Aletheorian and Amateur des Belles Lettres for women. Chapters of the following fraternities have been established: Β Θ Π, 1865–1878; Δ Τ Δ, 1865–1871; Φ Γ Δ, 1866–1871; Π Β Φ, 1867–1884; Φ Δ Θ, 1871–1884; Φ Κ Ψ, 1872–1886; Σ Χ, 1874–1888; Κ Κ Γ, 1870–1878. An annual contest is held on commencement day. The graduates number nearly one thousand, the oldest of whom is Mrs. M. M. Thompson, 1858, of Monmouth.

Faculty.

J. B. McMichael, D.D., President, Logic and Philosophy.
John H. McMillan, A.M., Vice-President, Latin and Hebrew.
Mary A. Sterrett, B.S., English.
J. H. Wilson, Ph.D., Greek.
Thos. H. Rogers, A.M., Mathematics.
Russell Graham, D.D., Social Science.
Clementine Calvin, A.M., German and Elocution.
Samuel S. Maxwell, M.S., W. Edgar Taylor, M.S., Biology.
J. N. Swan, Ph.D., Chemistry and Physics.
E. C. Zartman, B.M., Music.
Alice Winbigler, A.M., Mathematics.
Thos. S. McClenahan, Surveying and Engineering.
T. B. Glass, A.B., Latin.
Purcell Graham, Librarian.

MOORES HILL COLLEGE.

Moores Hill, Ind. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,412	156	9	1	3,000

The college was established in 1853, with Enoch G. Wood, D.D., as president. It is governed by twenty-three trustees. Students are admitted by examination, and on certificate. The degrees are A.B., B.Ph., and B.S., with that of A.M., after three years of professional work. Attendance at chapel is required. Regular courses of college lectures are offered. The expenses for the year, lasting from September 8 to June 17, are $100.

The societies are the Philonikean, Segurnian, and Photosotian; two Christian Associations, and an athletic association, with football eleven, baseball nine, and other college teams, all under the control of the faculty. A chapter of K A Θ was organized in 1871, and lasted four years. The oldest living graduate is Jane Kahler, 1858, of San Francisco, Cal.

Faculty.

John H. Martin, A.M., D.D., President, Philosophy.
Charles W. Lewis, M.S., Vice-President, Mathematics.
Andrew J. Bigney, A.M., Sciences.
Monroe Vayhinger, A.M., Pedagogy and German.
Benjamin W. Aldrich, A.M., Greek.
Quincy G. Spence, A.B., Latin.
Mrs. M. Vayhinger, B.S., Literature and History.
E. Louise Williams, Music.
Alta Ritter, Geography and Algebra.
B. W. Aldrich, Librarian.

MORGAN COLLEGE.

Baltimore, Md. *Co-Educational.* *Methodist.*

The college was founded in 1890. It is situated on the highest elevation of Baltimore. Connected with it are subsidiary schools at Princess Anne and Lynchburg, Va., the students of which are admitted without examination. The trustees number eight. The degrees are A.B. and B.S. The library contains 1,500 volumes. The students maintain three literary societies, the most prominent of which is the Ciceronian, and publish the "Educator." The graduates number 130, while the students number some two hundred.

Faculty.

Rev. Francis J. Wagner, A.M., D.D., President.
Rev. Charles E. Young, Psychology.
Rev. James A. McCauley, D.D., Theology and Hebrew.
Alice I. Sanford, Greek, Latin, etc.
Mrs. M. A. H. Cadden, Normal Department, German.
Joseph H. Lockerman, Frederick Handy, Preparatory Department.
S. Ella Smith, Model School.
Flora E. Strout, Secretary.

MOUNT ANGEL COLLEGE.

Mount Angel, Ore. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	83	17	3	7,500

Organization: Mount Angel Seminary and College, situated some forty miles south of Portland, was opened in 1887. It was incorporated under the laws of Oregon, and is under the control of the Benedictine Fathers. The trustees number five, among whom are the Archbishop of Oregon City and the prior of the Benedictine Monastery. The college is divided into three departments: St. Thomas Grand Seminary, for students of philosophy and theology; St. Anselm's Little Seminary, for preparatory ministerial students; and St. Joseph's Seminary, for professional and other students.

Instruction and Degrees: Degrees of B.A., B.L., B.S., and B.M. are given after the completion of at least one year's course, with a suitable thesis, or musical composition. Masters' degrees can be obtained after one year of post-graduate residence, or upon application after two years. Attendance at chapel and mass, with monthly confession and communion, is compulsory. Students are not allowed to leave the college premises without permission, to retain money in their possession, to smoke or use tobacco, or to form clubs and societies, or hold meetings without permission. Books, papers, periodicals, etc., may be read only at the approval of the director. The expenses are $200 for the year, lasting from the first Tuesday of September until the end of June. Extra charges are made for the use of the library, for instruction in natural philosophy, chemistry, telegraphy, engineering, drawing, Spanish, and music, as well as for each diploma.

Equipment: The college building is surrounded by ample playgrounds. There are two distinct libraries: one containing 1,500 books for the students, another containing 6,000 volumes for the teachers. A museum of botanical and mineral specimens has lately been added to the college, and a few years ago a meteorological observatory was there established by the United States Signal Service. There is an exhibition hall, provided with a stage and a drop curtain, as well as eight sets of scenery. The college press issues a German weekly, and a monthly college magazine called the "Banner." The societies are the Sodality of the Immaculate Conception, St. Joseph's Altar Society, Acme Dramatic Club, college choir and band, the Gross Literary and Debating Society, and Alumni Association.

Faculty.

Rev. Placidus Fuerst, O.S.B., Director, Physiology, Church History, and Music.
Rev. Maurus Snyder, O.S.B., Supt. Commercial Department, Church History, Violin, and Telegraphy.
Rev. Dr. Urban Fisher, O.S.B., Philosophy, Sciences, Languages, and Commercial Branches.
Rev. D. Wadenswyler, O.S.B., Theol.
Rev. Frowin Epper, O.S.B., Director Seminary, English, Latin, Botany.

Fr. Louis Bonaly, O.S.B., French.
Rev. Berchtold Durrer, O.S.B., Classics, German, and Mathematics.
Rev. Thos. Ag. Meienhofer, O.S.B., Religion, Latin, and Rhetoric.
Fr. Bede Robinson, O.S.B., English.
Fr. Charles, O.S.B., Greek.
Fr. Leo Perse, O.S.B., U. S. History and Geography.
Bro. Gall Engster, O.S.B., Singing.
Bro. Thos. Dunn, O.S.B., Prefect, Math. and Commercial Branches.
Francis Murrin, Stage.
Wm. Markham, Geography, History.

MOUNT HOLYOKE COLLEGE.

South Hadley, Mass. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$62,000	335	34	8	16,000

Organization: Mount Holyoke Seminary was founded by Mary Lyon in 1836, and was opened in 1837. It was chartered as a college in 1888, and assumed its present name in 1893. In September, 1896, shortly after the opening of the academic session, a fire destroyed the main building, causing consternation among the students and teachers. No lives were lost, and the building was fully insured. It is governed by twenty trustees, of whom three are chosen by the alumnæ.

Instruction: Admission is on certificate and by examination, which may be undergone in New York, Boston, Chicago, Philadelphia, Washington, St. Louis, St. Paul, and Bangor, as well as at the college itself. Attendance at chapel is compulsory, as is gymnastic exercise during the first three years. Negroes are not excluded. The degrees are B.A., B.S., B.L., and M.A. after one year's residence and a thesis. The expenses for the year, lasting from September 17 to June 17, are $250. There is a loan fund for poor students, and a fund for twenty-one scholarships amounting to $60,000.

Equipment: Besides the college library, which is connected with the main building, there are several working libraries and a reading-room. Instruction is given in four halls, among which is a gymnasium and an observatory. The college grounds cover seventy acres, adjoining Lake Nonotuck. There is a botanical garden and arboretum of one acre.

Societies and Publications: The students maintain a debating society, Shakespere Club, Contemporary History Club, Mendelssohn Club, Glee Club, Banjo Club, Boat Club, Athletic Association, Basket Ball Team and Christian Association. Twenty-three alumnæ associations, one of which is in Constantinople, have been established. During the last year these associations raised $150,000 to add to Dr. Pearson's gift of $50,000.

Chapters of the following fraternities have been organized: Σ Θ X, and Ψ Φ Δ. The "Larmarada," an annual, and "The Mount Holyoke Literary Magazine," are published.

The graduates number 2,335, of whom the oldest is Mrs. G. C. Curtis, 1838, Rochester, N. Y.

Faculty.

Elizabeth Storrs Mead, A.M., President, Theism, Biblical Literature.
Hannah Noble, Painting.
Ellen Priscilla Bowers, English Lit.
Frances Mary Hazen, Latin.
Elisabeth Miller Bardwell, Astronomy, Director of Observatory.
Elizabeth Barstow Prentiss, Mod. Hist.
Louise Frances Cowles, A.M., Geology and Mineralogy.
Mary Olivia Nutting, Librarian.
Adaline Elizabeth Green, Ph.B., Latin.
Cornelia Maria Clapp, Ph.D., Zoölogy.
Clara White Wood, Ancient History and Rhetoric.
Henrietta Edgecomb Hooker, Ph.D., Botany.
Margarethe E. Vitzthum von Eckstadt, French.
Mary Cleaveland Bradford, Ph.B., Latin.
Clara Frances Stevens, Ph.M., English and Rhetoric.
Sara A. Worden, Drawing.
Marcia Anna Keith, B.S., Physics.
Sarah Effie Smith, B.S., Mathematics.
Florence Purington, Mathematics.
Ella Adelaide Knapp, A.M., English Literature.
Mary Chandler Lowell, M.D., Physician, Physiology.
Louise Fitz-Randolph, History of Art.
Elizabeth Slater, A.M., Greek.
Katherine Elisabeth Sihler, German.
Alice Porter Stevens, A.B., Rhetoric.
Mary Frances Leach, B.S., Chemistry.
Vida Frank Moore, Ph.B., Philosophy and Political Economy.
Louise Baird Wallace, Zoölogy.
Rebecca Corwin, A.M., S.T.B., Biblical Lit. and Semitic Languages.
Nellie Amelia Spore, Elocution and Physical Culture.
Helen Currier Flint, A.M., Greek.
Christina Wento, French and German.
Caroline Louisa White, A.B., English Literature.
Mary Helen Keith, B.S., Chemistry.
Florence L. Adams, B.L., English.
Seraph A. Bliss, B.S., Physics.
Lucy Royal Osgood, A.B., Zoölogy.
Margaret B. MacDonald, Chemistry.
Annie L. Richardson, Botany.
Bertha E. Blakely, B.L., Ass't Libr.
Caroline Boardman Greene, Registrar.
Emily M. Edson, Agnes T. Bemis, Mary K. Lunt, Domestic Departm't.

NON-RESIDENT INSTRUCTORS.

Charles A. Young, Ph.D., LL.D., Astronomy.
Charles H. Hitchcock, Ph.D., Geology.
Alonzo S. Kimball, Ph.D., Physics.
Alfred M. Fletcher, Music.
Harriet L. Ellsworth, Vocal Music.
Louis Coenen, Violin.

MOUNT ST. MARY'S COLLEGE.

Emmitsburg, Md. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$59,386	215	30	3	15,000

The college was founded in 1808 and received its charter in 1830. The founder was Fr. John Dubois, afterwards Bishop of New York. A new college building was completed in 1825, but in the same year it was destroyed by fire. The first president was Rev. John D. Purcell, afterwards Archbishop of Cincinnati. He was succeeded by the Very Rev. John McCaffrey, D.D., from 1838–1871. The institution is under the control of a board of directors, the president of which, by virtue of his office, is the Archbishop of Baltimore.

Students are admitted on certificates. The degree of B.A. is conferred, and that of M.A. after two years of post-graduate study. The

expenses for the year, lasting from September 9 till the first week of June, are from $150 to $300. Twenty medals for excellence in study are given each year.

The literary societies are the Purcell, and the Carroll Lyceums. A religious society, a Junior Sodality, college orchestra and band are also maintained. The oldest graduate is John A. Boyle, 1826, of Westminster, Md.

Affiliated institutions are the St. Joseph's Academy, for girls, and an Ecclesiastical Seminary.

Faculty.

Very Rev. Edward P. Allen, D D., President and Treasurer.
Rev. William L. O'Hara, A.M., Vice-President, Philosophy and Sacred Scripture.
Rev. Edward F. X. McSweeny, S.T.D., Dogmatic Theology.
Rev. Thomas L. Kelly, A.M., Moral Theology, Latin, and Greek.
Rev. Bernard J. Bradley, A.M., Latin and Greek.
Charles H. Jourdan, Ph.D., Math.
Rev. Dominic A. Brown, A.M., Latin and Plain Chant.
Ernest Lagarde, A.M., Modern Languages and English Literature.
James A. Mitchell, A.M., Ph.D., Natural Sciences.
Charles A. Leloup, A.M., French and Latin.
Edmund J. Ryan, A.M., English.
Bernard M. West, Book-keeping, etc.
Robert Reitz, Music.
Rev. John J. Tierney, D.D.

MOUNT UNION COLLEGE.

Alliance, O. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,000	532	18	5	5,000

The college was founded in 1846, and has just celebrated its first semi-centennial, in honor of which a new building has been founded. It is governed by twenty-seven trustees, and by committees of supervision and visitation from five conferences. Admission is by examination, but credit is given to certificates from approved preparatory schools. Women are admitted on equal terms with men and are alike eligible to places in the faculty and in the governing boards. Degrees of B.A., B.Ph., B.S., and in music and commercial science are conferred. The expenses for the year, lasting from August 24 to June 23, are from $50 to $100, and can be reduced in various ways.

The students publish the "Dynamo," and maintain two literary societies: the Republican and the Linnæan, — two law clubs: the Oxford and Blackstone, a journalistic and Itinerant Club with Christian and Athletic Associations. Chapters of the following fraternities have been established: Δ Γ Δ, 1875–1884; Α Τ Ω, 1882; Δ Γ, 1882; Ξ Α Ε, 1885.

The graduates number nearly 2,000.

Faculty.

Tamerlane Pliny Marsh, D.D., LL.D., President, Philosophy.
George Washington Clarke, A.M., Ph.D., Astronomy, Zoölogy, and Botany.
Edwin Norman Hartshorn, A.M., Commercial Law.
Joseph Lorain Shunk, A.M., Ph.D., Greek.
Amelia McCall Brush, Ph.M., Preceptress, English.
William Soule, M.S., Ph.D., Librarian, Chemistry and Physics.
Benjamin Franklin Yanney, A.M., Normal Department, Mathematics.
Edward Franklin Korns, A.B., Latin.
Christine Houston, A.M., German and French.
Lyman Field Brown, Musical Director.
Vina Morse Brown, Vocal Culture.
Winifred Marsh, Mus.B., Piano and Organ.
Ruliff V. Stratton, Solfeggio and Sight Singing.
Louis Vitak, Violin.
Kathryn F. Shannon, Art Department.
Owen Crist, B.C.S., Penmanship, etc.
Lewis Benton Mathias B.C.S., Sc.B., Prep. Department, Shorthand, etc.
James Hervey Ward, Elocution and Oratory.
Charles Mortimer Rockefeller, Military Science.
Rev. Earl D. Holtz, A.M., D.D., English Bible.
Meredith D. Morris, Samuel Grant Miller, Assistant Librarians.
Herbert Johns, Gymnasium.

MUHLENBERG COLLEGE.

Allentown, Pa. *Men.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,497	172	12	3	10,000

The college was formerly known as the Allentown Seminary, which afterwards became the Collegiate Institute. It assumed its present name in 1867, when it came under the control of the Lutheran denomination, but the original academic department has been retained. The college is governed by thirty trustees. Degrees of B.A., and M.A. are conferred, the latter after three years of post-graduate study. The expenses for the year, lasting from the first Thursday in September to the last Thursday of June, are $200. There are twenty-six scholarships yielding $50 or the equivalent of tuition each.

Since the school became a college, 370 students have been graduated, of whom 346 are living. The oldest of these is William F. Muhlenberg, M.D., 1868, of Reading, Pa.

Faculty.

Rev. Theodore L. Seip, D.D., President, Moral Science and Greek.
Davis Garber, Ph.D., Mathematics, and Librarian.
Rev. Matthias H. Richards, D.D., English and Mental Science.
Rev. William Wackernagel, D.D., German and History.
Rev. John A. Bauman, Ph.D., Natural and Applied Sciences.
Rev. Jacob Steinhaeuser, Hebrew.
George T. Ettinger, Ph.D., Pedagogy, Latin, and Greek.
Rev. Stephen A. Repass, D.D., Christian Evidences.
Henry H. Herbst, A.M., M.D., Physical Education, etc.
Francis G. Lewis, A.M., Math., etc.
J. Richmond Merkel, B.S., A.B., Languages and Sciences.
Gomer B. Matthews, English Branches.
Clement A. Marks, Music.

MUSKINGUM COLLEGE.

New Concord, Ohio. *Co-Educational.* *United Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,500	131	12	1	2,600

The college was founded in 1837. The first class was graduated two years later. The presidents have been: S. Wilson, 1838–1846; D. A. Wallace, D.D., LL.D., 1846–1848; John Milligan, 1848–1849; S. G. Irvine, D.D., 1849–1851; S. McArthur, 1851–1855; B. Waddle, D.D., 1855-1858; J. P. Lytle, D.D., 1858–1859; H. P. McClurkin, D.D., 1859–1861; L. B. W. Shryock, 1861–1864; D. Paul, D.D., 1865–1879; F. M. Spencer, D.D., 1879–1886; J. D. Irons, D.D., 1888–1892; D. K. McKnight, 1892–1893; Jesse Johnson, A.M., 1893 to the present.

Degrees of B.A., B.S., and B.Pd. are granted. Attendance at chapel is compulsory. The expenses for the year, lasting from September 18 to June 25, are from $125 to $150.

The college grounds cover two acres. The students maintain the following societies: the Philomathean and Union for men, the Aretean for women, an Athletic Association, two Christian Associations, and a Missionary Society.

Faculty.

Rev. Jesse Johnson, A.M., President, Greek and Hebrew, and Librarian.
Rev. J. A. Gray, A.M., Ph.D., Math. and Logic.
T. H. Paden, A.M., Latin and Civics.
John McBurney, A.M., Ph.D., Natural Science and Pedagogy.
L. J. Graham, A.M., English.
Mary Miller, A.M., French, German.
Henry McCreary, M.D., Nat. Sciences.
C. J. Marshall, Greek.
Edwin R. Snyder, Director of Music.
Nellie L. Gray, Music.
Ora Lane-Folk, Stringed Instruments.
Nellie Harris, Art.
Viola Doudna-Romans, Elocution and Physical Culture.
S. W. Lyons, Commercial Branches.

NEBRASKA WESLEYAN UNIVERSITY.

Lincoln, Neb. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,824	402	19	4	2,000

The school was established in 1888. It is governed by twenty-nine trustees. Connected with the university is a normal department, which has a mechanical institute and a preparatory department. Associated with them are two seminaries at Douglas and Orleans. Admission is by certificate. Bachelors' degrees are given in arts, letters, science, and pedagogy. Attendance at chapel is compulsory. The expenses for the year, lasting from September 10 to June 17, are $125. Four literary societies are maintained by the

students. They are the Orophilian, Theophanian, Everett, and Woodward. An Epworth League is also maintained, and two Christian Associations.

Faculty.

Isaac Crook, A.M., D.D., Chancellor, Metaphysics.
Isaac L. Lowe, D.D., Ph.D., Greek.
Charles M. Ellinwood, Ph.M., Chem.
Ella King Lowe, School of Art.
Minnie C. Jay, A.M., Ph.D., History and English.
Charles D. Rose, Ph.B., Mathematics.
Lieut. Charles C. Webb, M.S., Tactics.
Orris S. Schnauffer, Music.
Hattie M. Blood, Elocution.
Thomas E. Doubt, B.Sc., Physics.
Sallie Walkden, B.Sc., English.
S. Sague Videtto, Wood-work.
Alfred W. Woods, Mechan. Drawing.
Charles Fordyce, A.M., Biol. and Geol.
Frank A. Alabaster, A.B., Latin.
Corinth Leduc Crook, A.M., Librarian, Modern Languages.
George W. Rausch, Iron-work.
August Hagenow, Instrumental Music.
Fred A. Stuff, B.A., Academic Dep.
John Willard Miller, A.B., Douglas Seminary.
James L. McBrien, B.Pe., Orleans Seminary.

NEVADA STATE UNIVERSITY.

Reno, Nev. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$51,000	335	21	9	4,000

The university, the only college in the State, was first established at Elko under an act of 1873, but was removed to Reno by a legislative enactment of 1885, where it was re-opened in 1886. The university is governed by three regents. The grounds cover forty acres.

Admission is by certificate from affiliated high schools. A preparatory department is maintained. Degrees of A.B. and B.S. are given, and that of M.A. after one year; degrees in mining and civil engineering as well as in pedagogy are given after two years in the normal course, and in the School of Mines. Six laboratories have been equipped by the various departments. No charge is made for tuition. The expenses for the year, from September 1 to the first week in June, are $125. Four scholarships of $50 each are offered. Of these three were taken by women during the last year. There is a Record Publishing Association, an Adelphic Society, Christian Association, and an Athletic Association with baseball and other teams. The students also maintain a Self-Government Association.

Faculty.

Joseph Edward Stubbs, M.A., D.D., President, Political Science.
Hannah K. Clapp, M.A., Librarian.
Walter McNab Miller, B.Sc., M.D., Anatomy and Geology.
Robert Dyas Jackson, Ph.B., Mining.
John W. Phillips, B.S., D.Sc., Chem.
Fred Hebard Hillman, M.Sc., Botany and Entomology.
Mary Whitesides Emery, M.A., Pedagogics.
Robert Lewers, Political Economy.

Ransom H. McDowell, B.Sc., Agriculture, etc.
Nathaniel Estes Wilson, B.S., M.Sc., Agricultural Chemistry.
Thomas W. Cowgill, M.A., English and History.
Richard Brown, Practical Mechanics.
Henry Thurtell, B.S., Mathematics and Mechanics.
James Edw. Church, Jr., B A., Latin.
Lieut. Wm. Reeves Hamilton, U.S.A., M.Sc., Military Science.
Chas. Peleg Brown, B.S., Mineralogy.
Rev. Samuel Unsworth, M.A., S.T.B., Greek.
Laura de Laguna, B.A., Modern Languages.
Kate Bardenwerper, Estella Bernice Ede, Training School.
Robert Darling, V.S., Vet. Science.
Mrs. B. F. Layton, Vocal Music.
Stella Linscott, B.A., Latin.
Alice M. Stanaway, B.A., Latin.
Theodora W. Stubbs, French.

NEWBERRY COLLEGE.

Newberry, S. C. *Men.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	129	8	1	6,500

Newberry College grew out of a theological and classical institute founded at Lexington, S. C., by the Lutheran synod of South Carolina, 1832. In 1854 it was converted into a college, and was located at Newberry. A charter was obtained in 1856, and the school was opened in 1859. After the close of the war the college building was occupied by a Federal garrison, as barracks. It was ruined by the troops, and a bill has, therefore, long been pending in Congress asking for an appropriation on account of this damage to property. In 1869 the college was moved to Walhalla, in the extreme northwestern part of the State, where it remained until 1877, when it was re-located at Newberry.

The presidents have been the Revs.: Theophilus Stork, 1859–1860; J. A. Brown, 1860–1861; J. P. Smeltzer, 1861–1877; George W. Holland, Ph.D., 1878–1895, and George B. Cromer, A.M., the present incumbent.

The institution consists of a college and theological seminary. It is governed by a board of twenty-six trustees. Chapel is compulsory. Degrees of B.A., B.S., and B.Ph. are conferred. Negroes are excluded. The expenses for the year, lasting from October 1 to June 19, are $122. Four scholarships, yielding from $50 to $70 each, have been established, and four gold medals and prize books are annually distributed.

Three literary societies: the Phreno-Cosmian and Excelsior and a Christian Association have been organized. The students publish "The Collegian," a fortnightly. The graduates number 130, the oldest of whom is Joseph E. Houseal, Cedarstown, Ga.

Faculty.

George B. Cromer, A.M., President, Mental Science and English.
Rev. A. G. Voigt, A.M., Modern Languages, and Librarian.
Rev. A. J. Bowers, A.M., Ancient Languages.
O. B. Mayer, M.D., A.M., Physiology.
Rev. W. K. Sligh, A.M., Mathematics and Astronomy.
S. L. Powell, A.M., Natural Sciences, and Curator of Museum.
W. G. Houseal, M.D., A.M., Hygiene.
Arthur Kibler, A.M., Preparatory Department.

NEW WINDSOR COLLEGE.

New Windsor, Md. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,300	55	9	———	2,000

The college was founded in 1877. Admission is on certificate. The degree of A.B. is conferred. The expenses for the year ending June 11, are $180. The graduates number nearly 150. The oldest is William Q. Skilling, A.M., 1881, of Lonaconing, Md. The president is W. H. Purnell, LL.D.

(*Further information lacking.*)

NEW YORK UNIVERSITY.

New York, N. Y. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$190,000	1,275	127	13	31,000

History and Organization: The university owes its foundation in 1831 (after the plan to found such a school had been publicly discussed in 1829) to gifts of public-spirited citizens. In 1896, after an amendment to the original charter, the name of the university was changed from University of New York to the present name, and the school was moved from Washington Square to University Heights. The present site above 181st Street is midway between Columbia University and St. John's College, at Fordham.

The university consists of The Council and General Faculty, The College, Graduate School, School of Engineering, School of Pedagogy, Law School, Medical College, and the related Theological Seminary.

The council is a self-perpetuating body of thirty-two members, each holding office four years, or until his successor is elected.

There are three faculties of arts and science, dating from 1832; one of medicine, since 1841; of law, since 1858; and of theology, since 1890.

Admission, Degrees, etc.: Candidates must bring certificates of previous study, and must undergo examination in all the subjects named therein. Degrees of B.A., B.Ph., and B.S., are conferred, together with degrees of A.M., Ph.M., and M.S., as well as Ph.D. Appropriate professional degrees are conferred by the graduate and professional schools. At the beginning of the sophomore year the student must enter one of ten groups, named in the catalogue, while seniors may chose from a stated number of graduate courses. Attendance at military drill is compulsory for freshmen and sophomores,

while attendance at chapel is compulsory for all. Women are admitted to the graduate school. Negroes are not excluded.

Dues, Scholarships, and Prizes: Tuition is $100 for the year, lasting from September 30 to June 10. Thirty-two scholarships, yielding incomes of $400, are offered, and eleven of from $100 to $200, with three graduate fellowships of $300, and a few beneficiary scholarships besides. A prize of $100 is given for the best examination paper, and nine prizes, ranging from $20 to $75, for excellence in study. A loan fund has also been established.

Equipment: Three buildings are in process of erection on the new grounds on University Heights. Dormitory halls are to be added. The other ten buildings of the university are distributed throughout the city. The college grounds cover thirty-two acres. A gymnasium and athletic field have recently been equipped.

Societies and Publications: The publications issued by the college are the "Violet," a student annual; "The Item," a weekly; the "University Quarterly," published by students and professors: and the "University Law Review," a monthly.

The societies are the Eucleian, Scientific Society; glee, mandolin, and banjo clubs, and an Athletic Association with football, baseball, and lacrosse teams.

Chapters of the following fraternities have been organized: Φ B K, 1835–1848; Σ Φ, 1835; A Δ Φ, 1835–1895; Ψ Υ, 1837; Δ Φ, 1841; Z Ψ, 1846; Δ Ψ, 1847–1853, Δ Υ, 1865; Φ Δ Φ, 1888; Φ Γ Δ, and Δ Π.

Academic costume was adopted in 1895, the degrees being indicated by the pattern, and the classes by the colors.

The graduates number 12,300, of whom nearly 10,000 are living. The Rev. W. R. Gordon, 1834, of Manchester, N. Y., is the oldest.

Faculty.

Henry M. MacCracken, D.D., LL.D., Chancellor, Philosophy.
Henry M. Baird, D.D., LL.D., Greek.
T. Addison Richards, M.A., Emeritus.
William H. Thomson, M.D., LL.D., Medicine.
John J. Stevenson, Ph.D., LL.D., Geology.
Charles Inslee Pardee, M.D., Otology.
William Mecklenburg Polk, M.D., LL.D., Obstetrics, etc.
Lewis A. Stimson, M.D., Surgery.
Rudolph A. Witthaus, M.D., Chemistry, etc.
Stephen Smith, M.D., Emeritus.
A. E. MacDonald, LL.B., M.D., Emeritus.
Charles Stedman Bull, M.D., Ophthalmology.
Charles B. Brush, C.E., Sc.D., Dean, Engineering.
Isaac F. Russell, M.A., J.C.D., LL.D., Procedure and Elementary Law.
Daniel W. Hering, C.E., Ph.D., Physics.
Henry G. Piffard, M.D., Dermatology.
Joseph E. Winters, M.D., Diseases of Children.
Prince A. Morrow, M.D., Genito-Urinary Diseases.
W. Gilman Thompson, M.D., Materia Medica.
Abram S. Isaacs, Ph.D., German Lit.
Frank F. Ellinwood, D.D., Comparative Religion.
Francis H. Stoddard, M.A., English.
George Woolsey, M.D., Anatomy and Surgery.
Robert W. Hall, M.A., M.E., Analytical Chemistry.
William Kendall Gillett, M.A., French and Spanish.
Henry P. Loomis, M.D., Pathology.
Edward D. Fisher, M.D., Nervous Diseases.
Charles E. Quimby, M.D., Medicine.
Frederick W. Gwyer, M.D., Surgery.
J. Clifton Edgar, M.D., Obstetrics.
Egbert Le Fevre, M.D., Medicine.
Edgar D. Shimer, Ph.D., Psychology.

Edward R. Shaw, Ph.D., Pedagogy.
Austin Abbott, LL.D., Equity and Jurisprudence.
Christopher G. Tiedeman, M.A., LL.D., Real Property.
Morris Loeb, Ph.D., Chemistry.
Charles H. Snow, C.E., Engineering.
Ernest G. Sihler Ph.D., Latin.
John D. Prince, Ph.D., Semitic, and Philology.
William Allen Butler, LL.D., Maratime Law.
Cephas Brainerd, Esq., International Law.
Charles F. MacLean, J.U.D., Criminal Law.
Amasa A. Redfield, Esq., Descent.
Myer S. Isaacs, LL.M., Real Estate Titles.
William G. Davies, M.A., Life Insurance Law.
Langdon S. Thompson, Pd.D., Æsthetics.
Abel Mix Phelps, M.D., Orthopedic Surgery.
Wallace Wood, M.D., Art.
Addison Ballard, D.D., Logic.
Frank A. Erwin, M.A., LL.M., Contracts and Torts.
Ivan Sickels, M.D., Chemistry and Physics.
Willis E. Ford, M.D., Electro-Therapeutics.
Justin L. Barnes, M.D., Otology.
Irving S. Haynes, M.D., Anatomy.
Clarence D. Ashley, B.A., LL.M., Contracts.
Joseph S. Auerbach, LL.B., Corporations.
Pomeroy Ladue, B.S., Mathematics.
Marshall S. Brown, M.A., History and Political Science.
Charles L. Bristol, M.S., Biology.
Frederick Monteser, Pd.D., Ph.D., Comparative Education.
Charles B. Bliss, Ph.D., Experimental Psychology.
Charles F. Bostwick. Ph.B., LL.M., Statutory Procedure.
Cornelius G. Coakley, M.D., Laryngology.
Lawrence A. McLouth, B.A., German.
Samuel Weir, Ph.D., History of Education.
Samuel Macauley Jackson, D.D., Church History.
Carlos C. Alden, LL.M., Equity.
James P. Haney, M.D., Physiological Pedagogics.
Arthur B. Woodford, Ph.D., Sociology and Education.
Francis Collingwood, C.E., Foundations.
Alfred P. Boller, C.E., Bridge Construction.
E. Weymann, Jr., C.E., Water Works.
Carrill Ph. Bassett, C.E., Ph.D., Sanitation.
Walter McColloh, C.E., Tunnels.
Frank M. Colby, M.A., Economics.
Frederic Tabor Cooper, M.A., LL.B., Ph.D., Sanskrit.
Georges Cante, B. ès L., B. et Lic. en Droit, French Literature.
George A. Miller, LL.B., Law.
Thaddeus D. Kenneson, M.A., LL.B., Law.
Arthur C. Rounds, M.A., LL.B., Law.
Ralph S. Rounds, B.A., LL.B., Law.
Frank H. Sommer, LL.B., Law.
William Wirt Howe, Civil Law.
James L. Stewart, LL.B., Patents.
George C. Mason, M.S., C.E., Eng.
John F. Fairchild, C.E., Engineering.
George W. Osborn, B.A., Semitic.
Edward H. Warren, B.A., Sociology.
Arthur B. Frizell, B.A., Mathematics.
Warren H. Everett, B.A., Biology.
Frank W. Pine, B.A., English.
William H. Good, B.A., LL.B., Law.
Algernon Sidney Norton, B.A., LL.M., Law Latin.
Henry S. Stearns, M.D., Pathological Laboratory.
Warren Coleman, M.D., Bacteriology.
J. S. Ferguson, M.D., Histology.
Frank Abbott, Jr., M.D., Bacteriology.
Charles M. Ford, M.D., Anatomy.
G. W. Bogart, M.D., Anatomy.
William F. Stone, M.D., Anatomy.
Russell Bellamy, Materia Medica.
William Travis Gibb, M.D., Gynecology.
J. B. Gibson, M.D., Ophthalmology.
Alexander McL. Jeffrey, M.D., Medicine.
David D. Jennings, M.D., Surgery.
Archibald E. Isaacs, M.D., Surgery.
William L. Stowell, M.D., Diseases of Children.
P. G. Becker, M.D., Practice of Med.
Francis A. Scratchley, M.D., Mental Diseases.

Charles W. Allen, M.D., Urinary Diseases.
Warren O. Plimpton, M.D.. Orthopedic Surgery.
George Dempster Hamlen, M.D., Obstetrics and Gynecology.
R. C. James, M.D., Medicine.
Percy R. Bolton, M.D., Surgery.
Charles Clifford Barrows, M.D., Gynecology.
R. H. Buxton, B.A., Bacteriology.
David Robinson, M.D., Nervous Diseases.
H. L. Winter, M.D., Nervous Diseases.
Walter B. Brown, M.D., Dermatology.
L. C. Adamson, M.D., Insanity.
John W. Duke, M.D., Medicine, Mental Diseases.
L. H. Riggs, M.D., Chemistry.
Edmund P. Shelby, M.D., Pathology.
John Rogers, M.D., Anatomy.
George H. Mahr, M.D., Physiology.
H. Seabrook, M.D., Ophthalmology.
J. Wolfarth, M.D., Laryngology.
J. Sanders, M.D., Laryngology.
W. T. Brady, M.D., Orthopedic Surgery.
Richard J. Scofield, M.D., Gynecology.
M. D. Lederman, M.D., Otology.
Isaac H. Kirby, B.S., Analytical Chemistry.
James H. Shipley, French.
Leslie J. Tompkins, M.S., LL.B., Librarian.
Belle Corwin, Lagarde Library.
Albert A. Anderson, General Library.
George Mayer, General Library.
Marie Chanroux, General Library.
M. Otis Cox, Law Library.
Gertrude Crockett, Law Library.
Leroy M. Young, Law Library.
Frances M. Woodward, Pedagogical Library.
Frank H. Cann, Director of Gymnasium.

NIAGARA UNIVERSITY.

Niagara Falls, N. Y. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	240	48	6	7,000

History: Niagara University, conducted by priests of the Congregation of the Mission, was founded at Buffalo in 1856, by Rev. John J. Lynch, afterward first archbishop of Toronto. It was incorporated in 1863 as the Seminary of Our Lady of Angels, after its transfer to its present site, two miles above the Suspension Bridge on the heights of Mount Eagle Ridge, six years before. In 1883 the college was made a university by the regents of New York. In the same year a medical department, under the presidency of John Cronyn, was established in Buffalo. From 1864 to 1865, owing to a fire, instruction was suspended. The presidents have been: Rev. John J. Lynch, C.M., 1857–1860; Rev. Thomas Smith, C.M., 1860–1863; Rev. John Asmuth, C.M., 1863–1864; Rev. Robert Rice, C.M., 1864–1877; Rev. P. V. Kavanagh, C.M., 1877–1893; Rt. Rev. S. V. Ryan, C.M., D.D., 1893–1896; and Rev. P. MacHale, C.M., the present incumbent.

Organization: The school is governed by ten trustees. Besides the collegiate and medical departments, there is a theological seminary and preparatory school. The college grounds cover three hundred acres, with a campus of seven acres. Admission, except for those entering from the preparatory department, is by examination,

and upon regents' certificates. Attendance at chapel is compulsory. The degrees are B.A., and M.A. besides the medical and theological degrees conferred by the school of medicine and the seminary. The expenses for the year, lasting from September 5 to June 25, are $200. There is one free scholarship for medical students.

Societies and Publications: "Niagara's Tribute," published in 1870, became the "Index Niagarensis" in 1874, and is now published fortnightly as the "Niagara Index." The societies are: The Shakespearean, Basilian, R. E. V. R., B. L. A., S. O. L. A. (three literary societies), B. V. M. Sodality, a religious organization, Niagara Battalion, N. U. Athletic Society, N. U. Baseball Club, Niagara Reserves, N. U. Football Team, Cecilian, Choral Union, Banjo and Glee Club, and a college band and orchestra.

Faculty.

Very Rev. P. MacHale, C.M., President, Geology and Zoölogy.
Rev. J. J. Sullivan, C.M., Philosophy and Liturgy.
Rev. F. L. McCauley, C.M., Trigonometry.
Rev. J. J. Elder, C.M., French and Gregorian Chant.
Rev. R. H. Albert, C.M., German, Math.
Rev. E. L. Carey, C.M., Greek and Calculus.
Rev. S. V. Haire, C.M., Math.
Rev. J. V. O'Brien, C.M., Latin, Greek, and Rhetoric.
Rev. M. J. Rosa, C.M., Latin, Hebrew, and Chemistry.
Rev. P. J. Boland, C.M., Latin and Greek.
R. S. Kraegel, Music.

MEDICAL SCHOOL.

John Cronyn, M.D., Ph.D., LL.D., President.
Thomas Lothrop, M.D., Ph.D., Obstetrics.
Alvin Allace Hubbell, M.D., Ph.D., Ophthalmology and Otology.
Henry D. Ingraham, M.D., Gynecology and Pædiatrics.
Floyd S. Crego, M.D., Nervous Diseases and Insanity.
William H. Pitt, M.D., Ph.D., Chemistry and Physics.
Herman Mynter, M.D., Clin. Surgery.
Herbert Mickle, M.D., Surgery.
Carlton C. Frederick, M.D., Obstetrics.
Eugene A. Smith, M.D., Anatomy.
John A. Miller, M.Sc., A.M., Ph.D., Medical Chemistry and Toxicology.
John D. Flagg, M.D., Physiology and Microscopy.
Henry C. Buswell, M.D., Medicine.
William C. Krauss, M.D., Pathology.
L. Bradley Dorr, M.D., Bacteriology and Chemistry.
W. Scott Renner, M.D., Laryngology.
Walter D. Greene, M.D., Hygiene.
Rollin L. Banta, M.D., Materia Medica and Therapeutics.
Harry A. Wood, M.D., Materia Medica and Insanity.
Harlow C. Curtiss, A.M., Medical Jurisprudence.
Sidney A. Dunham, M.D., Physiology.
Edward M. Dooley, M.D., Anatomy.
Frederick A. Hayes, M.D., Anatomy.
Frederick Preiss, M.D., Surgery.
David L. Redmond, M.D., Dermatol.
William G. Taylor, M.D., Earl P. Lothrop, M.D., Obstetrics.
Alfred E. Diehl, M.D., Histology.
George Roberts, M.D., Chemistry.
Robert A. Poynton, M.D., Anatomy.
William S. Tremaine, M.D., Emeritus, Surgery.

THEOLOGICAL SEMINARY.

Rt. Rev. S. V. Ryan, C.M., D.D., Very Rev. James McGill, V.C.M., Visitors.
Rev. J. O. Hayden, C.M., Canon Law and Liturgy.
Rev. L. A. Grace, C.M., Dogma, Church History, and Exegesis.

NORTH CAROLINA COLLEGE.

Mount Pleasant, N. C. *Men.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,649	81	5	4	1,500

The college was founded in 1859. It is governed by eighteen trustees. Degrees of B.A., and B.Ph. are conferred. Attendance at chapel is compulsory. The expenses for the year, lasting from September 3 to June 5, are from $85 upwards. Four medals are distributed annually. Two halls and libraries are maintained by the Philolethean and Pi-Sigma-Phi Societies. The Athenæum, for professors and students, also maintains a reading-room. The graduates number fifty-one, the oldest of whom is H. T. J. Ludwig, 1871, of Mount Pleasant.

Faculty.

Rev. J. D. Shirey, A.M., President, Mental and Moral Science.
H. T. J. Ludwig, A.M., Mathematics, French, etc.
E. B. Setzler, A.M., Ancient Languages and German.
M. A. Boger, A.B., Preparatory Department.

NORTHERN ILLINOIS COLLEGE.

Fulton, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	102	10	1	2,000

The college was founded in 1859, on its present site, at the Mississippi Narrows, opposite Clinton, Iowa. It is governed by twelve trustees. The degrees are B.A., B.S., B.Ph., M.A., and Ph.D. The expenses for the year, lasting from the middle of September till June 16, are under a hundred dollars. A fund of ten thousand dollars has been established for scholarships for the children of soldiers who served in the late war.

Faculty.

R. A. Morley, A.M., President, Hist.
Rev. J. R. Kaye, A.M., Ph.D., Ancient Languages.
Charlotte Hayes, B.L., Mathematics, Science, etc.
O. F. Cady, M.Accts., Commercial and Shorthand Departments.
George W. Bansau, Law.
C. H. Ferguson, Prep. and Normal.
Charlotte Garten, Elocution and Voice Culture.
Anice Stevens, Piano and Vocal Music.
Lola Reynolds Morley, Painting.
Rev. H. F. Schmidt, German.
Carra Cooke, Docent.
D. W. Ward, M.D., Anat., Hygiene.

NORTHWESTERN COLLEGE.

Naperville, Ill. *Co-Educational.* *Evangelical.*

Income,	Students,	Instructors,	Buildings,	Books,
$22,450	335	15	1	3,200

Plainfield College, founded in 1861, was changed to Northwestern in 1865, and in 1869 was removed to Naperville. It is governed by twenty-two trustees. The degrees are A.B., B.L., B.Ph., A.M., and M.S. The expenses for the year, lasting from September 16 to June 24, are $125. Attendance at chapel is compulsory. Associated with the college is a Biblical Institute.

The students publish the "Chronicle," and maintain the Cliosophic, Philologian, Laconian, and Philorhetorian societies, a Students' Senate, Scientific Association, and two Christian Associations. Of the 350 graduates 324 are living. The oldest of these is B. F. Briesbach, 1866, of Circleville, O.

Faculty.

Rev. H. J. Kiekhoefer, A.M., President, Philosophy.
Rev. F. William Heidner, A.M., B.D., German.
Henry C. Smith, A.M., Latin, Vocal Music.
Mrs. N. C. Knickerbocker, A.M., Preceptress, Rhetoric and English Literature.
Rev. Henry F. Kletzing, A.M., Mathematics, and Librarian.
L. M. Umbach, A.M., Secretary, Physical and Biological Science.
George W. Sindlinger, A.M., Greek.
Bishop Thomas Bowman, Rev. S. L. Umbach, Rev. S. J. Gamertsfelder, A.M., Theology.
Mary S. Bucks, L.E.L., Preceptress, American History.
E. Edward Rife, B.S., Elocution.
A. C. Gegenheimer, Commercial Branches.
Omo M. Yaggy, Music.
Fannie E. Smith, M.S., Piano, Organ.
Lucy J. Smith, Violin.
Anna Strong, Drawing and Painting.

NORTHWESTERN UNIVERSITY.

Evanston and Chicago, Ill. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$254,556	3,016	237	15	36,500

History: A meeting to consider the establishment of this university was held in 1850 in Chicago; a charter was obtained in 1851, and two years later a president was appointed. The College of Liberal Arts was opened in 1855, the Medical School in 1869, that of law in 1873, of pharmacy in 1877, of dentistry in 1888, and the Women's College in 1892. In the early years of the university the Garret Biblical Institute was made the Theological School. The presidents have been: Clark T. Hinman, D.D., 1853–1854; Randolph S. Foster, D.D., L.L.D., 1855–1860; Henry Sanborn Noyes, A.M., 1860–1866; David

H. Wheeler, LL.D., 1867–1869; Erastus O. Haven, D.D. LL.D., 1869–1872; Charles H. Fowler, D.D., LL.D., 1872–1876; Oliver Marcy, A.M., LL.D., 1876–1881; Henry Wade Rogers, LL.D., 1890 to the present time.

Organization: The trustees number forty-four. The Faculty consists of all professors, associate and assistant professors, as well as instructors. The faculties of the Medical College and Law School are in Chicago, where these schools are situated. The university council consists of the president, deans of faculties, and one member of each faculty, and considers only such matters as relate to the university as a whole.

Admission and Degrees: Candidates are admitted on examination or on the certificates of nearly a hundred accredited schools of various States. After October, 1897, no student will be admitted without undergoing an examination in English. The elective system during the last year was extended within certain limitations to the first and second years. The degrees are A.B., B.Ph., B.L., besides the degrees granted by the professional schools. Masters' degrees are conferred after one year of resident, or two of non-resident post-graduate study. The degree of Ph.D. is conferred after at least two years of resident study and a thesis. Since 1869 women have been admitted on the same terms as men. Negroes are not excluded. Attendance at chapel is compulsory for all, but not so gymnastic or military drill. By a provision of the charter the sale of liquor is not allowed within four miles of the university.

Dues, Scholarships, and Prizes: The expenses for the year, lasting from September 11 to June 12, are $200. Three fellowships of $400 each are offered in chemistry, physics, and mathematics. Fifty-one State scholarships and five private funds, yielding incomes equivalent to tuition and more, are available, and a loan fund has been established. Five prizes of $100 each are offered for oratory and composition, with three ranging from $20 to $40 for extemporaneous speaking.

Equipment: The ten buildings at Evanston stand on grounds of forty-five acres, fourteen of which form the campus. Athletic grounds have been levelled in the immediate vicinity of the old gymnasium. During the last year William Deering gave to the university $215,000, thus raising the total endowment to $3,800,000, of which $1,818,000 yields income. The museum contains a good ceramic collection with many anthropological and archæological specimens. The botanical museum and herbarium is rich in ligneous specimens. Modern laboratories have been equipped by the botanical, chemical, geological, mineralogical, physical, and zoölogical departments.

Societies and Publications: Besides the "Northwestern Record," published by the university as such, the students publish the "Northwestern," a weekly, and the "Syllabus," an annual. The societies are: Woman's Club, Coffee, Science, Glee, Banjo, Mandolin, and Good Government clubs, Historical Association, Oratorical League, Hinman Literary Society, Prohibition League, Volunteer Band, Settlement and Northwestern Association, Woman's Debating Club, two Christian Associations, Alumni Association, Deru Society,

Thalian Dramatic Club, and Athletic Association, with Tennis Club, Golf Club, football and baseball teams. Chapters of the following fraternities have been organized: Φ B K, Φ Δ Θ, 1859; Φ K Ψ, 1864; Φ Γ Δ, 1867–1870; Σ X, 1869; Φ K Σ, 1872; B Θ Π, 1873; Δ Υ, 1880; A Φ, 1881; Δ Γ, K K Γ, 1882; K A Θ, Γ Φ B, 1888; Δ T Δ; Θ N E; Π B Φ; Δ Δ Δ; Ω Ψ; Σ A E; A X Ω; Σ Φ H; Φ Δ Φ; Φ P Σ; N Σ N; Φ X, and Δ Σ Δ.

The graduates number 5,200. During the coming year all departments will join in a common commencement. The wearing of cap and gown, introduced in 1895, is now required on such occasions.

Faculty.

Henry Wade Rogers, LL.D., President.
Daniel Bonbright, LL.D., Latin.
Oliver Marcy, LL.D., Dean, Geology.
Herbert Franklin Fisk, A.M., D.D., Pedagogics.
Robert McLean Cumnock, A.M., Rhetoric and Elocution.
Robert Baird, A.M., Greek.
Charles William Pearson, A.M., English Literature.
Robert Dickinson Sheppard, A.M., D.D., English and American Hist.
Abram Van Eps Young, Ph.B., Chem.
George W. Hough, LL.D., Astronomy.
James Taft Hatfield, Ph.D., German.
Charles Beach Atwell, Ph.M., Registrar, Botany.
Henry Crew, Ph.D., Physics.
J. Scott Clark, A.M., English.
John Henry Gray, Ph.D., Civics.
Peter Christian Lutkin, Music.
George Albert Coe, Ph.D., Secretary, Philosophy.
Emily Frances Wheeler, A.M., Romance Languages.
Charles Horswell, Ph.D., Hebrew.
Alja Robinson Crook, Ph.D., Mineralogy and Petrology.
Henry Seely White, Ph.D., Pure Mathematics.
Edwin Grant Conklin, Ph.D., Zoölogy.
Thomas Franklin Holgate, Ph.D., Applied Mathematics.
Henry Clay Stanclift, Ph.D., History of Continental Europe.
William Caldwell, Sc.D., Ethics.
Charles Joseph Little, D.D., LL.D., Church History.
Charles Frederick Bradley, A.M., D.D., New Testament Greek.
Hiram B. Loomis, Ph.D., Physics.
Henry Cohn, A.M., German.
Albert Ericson, A.M., Swedish.
Nels Edward Simonsen, A.M., D.D., Norwegian and Danish.
Burleigh Smart Annis, A.M., Math.
Arthur Herbert Wilde, A.B., B.D., History.
Mary L. Freeman, A.M., French.
Edward Ambrose Bechtel, A.B., Latin.
Chas. Waldo Foreman, M.S., German.
Leonidas Raymond Higgins, A.M., Greek.
Winfield Scott Nickerson, Sc.D., Zoöl.
Milton Spenser Terry, D.D., LL.D., Bible.
William Abbott Phillips, Ph.B., MD., Comparative Anatomy.
Olin Hanson Bosquin, A.B., Physics.
Harrison Eastman Patten, Ph.B., Chemistry.
Charles Hazzard, Ph.B., Zoölogy.
Maurice Alpheus Bigelow, B.S., Zoöl.

NORTHWESTERN UNIVERSITY.

Watertown, Wis. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$26,350	165	9	4	2,500

The school was founded in 1865. It is governed by twelve trustees. The courses of study are collegiate and preparatory, and lead

to degrees of A.B. and B.S. The academic year lasts from August 29 to June 23. The graduates number 269, of whom 250 are living. The oldest is Prof. E. Pieper, 1872, of St. Louis, Mo.

Faculty.

A. F. Ernst, President, Psychology and Ethics.
F. W. A. Notz, Ph.D., Greek.
J. H. Ott, Ph.D., English.
William F. Weimar, Mathematics.
John P. Koehler, Latin.
Charles A. Ernst, Natural Science.
Julius Gamm, English.
William Biedenweg, Latin and German.

OBERLIN COLLEGE.

Oberlin, O. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$161,377	1422	88	14	42,286

History, and Organization: The school was chartered in 1833 as the Oberlin Collegiate Institute, and assumed its present name in 1850, when a College and Theological Institute were established. The founders were the Rev. John J. Shipherd, and Philo P. Stewart. The presidents have been, Rev. Asa Mahan, 1835–1850; Rev. Chas. Grandison Finney, 1851–1866; Rev. James Harris Fairchild, 1866–1889; Rev. William Gay Ballantine, 1891 to the present time. A conservatory of music, a school of art and a physical training school have since been added. The government is vested in a board of twenty-five trustees, six of whom are elected by the alumni.

Admission, Degrees, etc.: Admission is on examination and upon certificates of thirty-eight specified High Schools of the State, and eight others. Three parallel courses lead to degrees of B.A., B.S., and B.Ph. In all these courses the studies of the first year are required; in the three following years three-fourths of the subjects are elective. Gymnastic drill is likewise elective, but attendance at chapel is compulsory. Degrees of M.A., and M.S. are conferred after one year of resident graduate study.

Dues, Scholarships, and Prizes: The expenses for the year, lasting from September 24 to June 24, are from $160 upwards. Facilities for self-support are numerous, and free tuition is provided for many. There are thirteen scholarships for theological students; twenty-seven for self-supporting women; fifty-seven for negroes; and seven for general use.

Equipment: The college grounds cover forty-five acres, sixteen of which are reserved for the campus. Among the fourteen college buildings there are two modern gymnasia and a rich library. There are several good collections of archæological, palæontological and zoölogical specimens, and eight distinct herbaria. Laboratory work is carried on in two buildings.

Societies, and Publications: Three literary societies are maintained by men: the Phi Kappa Phi, the Phi Delta, and the Alpha Zeta, and two by women: the L. L. S. and the Æolian. Between them they

own 9,000 volumes. In the theological seminary the societies are the Samekh Aleph, and the Finney; in the academy: the Acme, and the Cadmian, and in the conservatory, the Harmonia. Secret societies are not permitted. Besides two Christian Associations and a Missionary Club, there exist an Agassiz Club, a Botany Club, a German and French Club, and an Athletic Association, with football and baseball teams. The college publishes five annual reports, a quinquennial catalogue, periodical laboratory and library bulletins, and an annual necrology. The students publish the "Hi-O-Hi," an annual, and the "Oberlin Review," a weekly. The graduates number 3,200, the oldest of whom is Huntington Lyman, 1836, of Cortland, N. Y.

Faculty.

Rev. William Gay Ballantine, D.D., LL.D., President.
Rev. James Harris Fairchild, D.D., LL.D., Theology.
James Monroe, LL.D., Political Science and Modern History.
Rev. Charles Henry Churchill, A.M., Physics and Astronomy.
Adelia A. Field Johnston, A.M., Dean Woman's Dep., Mediæval History.
Fenelon B. Rice, Mus.D., Music.
Albert Allen Wright, A.M., Geology and Natural History.
Rev. George Frederick Wright, D.D., LL.D., Harmony of Science and Revelation.
Rev. Albert Henry Currier, D.D., Sacred Rhetoric, etc.
Rev. Lyman B. Hall, A.M., Latin.
Frank Fanning Jewett, A.M., Chemistry and Mineralogy.
Rev. Henry Churchill King, A.M., D.B., Philosophy.
Azariah Smith Root, A.M., Librarian.
Rev. Edw. Increase Bosworth, A.M., D.B., New Testament.
Charles Beebe Martin, A.M., Greek and Archæology.
John Fisher Peck, A.M., Principal of Academy, Greek.
Frederick Anderegg, A.M., Math.
Lucretia Celestia Wattles, A.M., Piano and Harmony.
Howard Handel Carter, Piano.
Charles Walthall Morrison, Piano.
Arthur Smith Kimball, Singing.
George Whitfield Andrews, Organ and Composition.
Fred Eugene Leonard, A.M., M.D., Director of Gymnasium and Registrar, Physiology.
Rev. Owen Hamilton Gates, Ph.D., Old Testament.
Rev. Francis Duncan Kelsey, Sc.D., Botany.
John Roaf Wightman, Ph.D., Romance Languages.
Rev. Albert Temple Swing, A.M., D.B., Church History.
Rev. Louis Francis Miskovsky, A.M., D.B., Slavic and Bohemian.
Edward Dickinson, A.M., History of Music.
Rev. John Taylor Shaw, A.M., D.B., Latin.
Edward Drake Roe, Jr., A.M., Math.
Wilfred Wesley Cressy, A.M., English.
Thomas Nixon Carver, Ph.D., Economics and Sociology.
Fred Monroe Tisdel, A.M., Rhetoric and Oratory.
Arletta Maria Abbott, A.M., German.
Helen Maria Rice, Singing.
Frederick Giraud Doolittle, Violin.
Edgar George Sweet, Piano, Singing.
Camilla Mercy Nettleton, Singing.
Elizabeth W. Russell Lord, Assistant Dean of Woman's Department.
Charles Parsons Doolittle, Violoncello, Musical Form, and History.
Kate H. Winship Morrison, Singing.
Delphine Hanna, M.D., Director of Woman's Gymnasium.
Frances Juliette Horsford, A.M., Latin.
John Arthur Demuth, Violin and Wind Instruments.
William Kilgore Breckenridge, Piano.
Kirke Lionel Cowdrey, A.B., French.
Lepha Kelsey Hall, Singing.
Jay Rollin Hall, Piano.
James Lemuel Drew Mosher, Singing.
Rev. John Faris Berry, A.M., D.B., English Bible.
Eva May Oakes, Drawing, Painting.
Charles King Barry, Piano.

Clarissa Lucretia Pendleton, A.M., Mathematics.
Cleveland King Chase, A.M., Latin.
Robert A. Millikan, Ph.D., Physics.
Theodore Moses Focke, S.B., Physics and Chemistry.
Clara Louise Smithe, L.B., Latin.
Mary Brewster Safford, Ph.B., History and Civil Government.
Charles Winfred Savage, A.B., Latin.
Louise Frazyer, Ph.B., Declamation.
George Morris Jones, A.B., Math.
Marshall Ware Downing, A.B., Greek.
Alice E. Mead Swing, A.B., German.
Anna Eleanor Town, Ph.B., German.
Grace Wakeman Hubbell, Ph.B., English.
Grace Selina Fraser, A.B., Latin.
Bert Emery Merriam, A.B., Math.
Walter Yale Durand, A.B., Latin.
Lynds Jones, S.M., Geology, Zoölogy.
Amelia Hegmann Doolittle, Piano.
Maud Tucker Doolittle, Piano.
Alberta Josephine Cory, Woman's Gymnasium.
Arthur Edward Heacox, Harmony and Choral Singing.
Rosa Maritta Thompson, A.B., Latin and English.
Gyda Sohlberg, Singing.
William Treat Upton, Piano.
Charles Henry Adams, Singing and Harmony.
Flora Isabel Wolcott, L.B., Registrar.
Ellen Frances Brown, Mus. Librarian.
Nellie Hulbert Jameson, Cataloguer.
Eoline Spaulding, Assist. Cataloguer.
Grace Ella Prince, Nettie Esther Close, Ph.B., Etta Maria Wright, A.B., Assistants in Library.
Elisha Gray, LL.D., Dynamic Electricity.

OGDEN COLLEGE.

Bowling Green, Ky. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,068	90	6	1	3,000

The college was founded by Major Robert W. Ogden in 1877. The presidents have been: J. W. Whightman, D.D., 1877–1883, and William A. Obenchain, M.A., the present incumbent. The school is governed by six trustees. Admission is on certificate. The degrees are B.A., B.S., and B.Ph. The expenses for the year, lasting from the first Tuesday in September to June 10, are from $100 to $200. Forty scholarships, equivalent to $40 a year, are available for students from Kentucky. The societies are the Literary Society and the Literary Club, as well as an Athletic Association. Of the thirty-five graduates, the oldest is L. W. Gains, 1881, of Elkton, Ky.

Faculty.

William A. Obenchain, A.M., President, Mathematics, etc.
William F. Perry, A.M., English and History.
John B. Preston, M.A., Ancient Languages and French.
S. R. McKee, Ph.D., Nat. Science.
Henry K. McGoodwin, B.S., History and Drawing.
Arthur C. Crofton, Prep. Department.
John B. Preston, Secretary of Faculty.
Granville H. Schroader, Librarian.

OHIO STATE UNIVERSITY.

Columbus, O. *Co-Educational.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$159,693.	900	85	12	15,000

History and Organization: The university was founded in 1870. In addition to the congressional grant of 1862 the university has received a permanent annual grant from the general government, special appropriations from the State, and since 1891 a permanent annual grant from Ohio, raising the whole endowment to more than half a million. The university consists of a school of art and philosophy, of science, and agricultural engineering, of a law school, and a medical school. The preparatory department was dropped in 1896. The university is governed by seven trustees.

Admission, Degrees, etc.: Admission is upon examination and on certificates from the Preparatory and Normal schools of Ohio. A four years' course leads to degrees of B.A., B.S., and B.Ph., as well as to degrees in agriculture, horticulture, industrial art, with civil, mining, and mechanical engineering. The courses in pharmacy, medicine and veterinary medicine lead to appropriate degrees. The degree of M.A., is conferred after one year of resident post-graduate study, that of Ph.D. and SS.D. after three years.

Dues, Scholarships, and Prizes: The necessary expenses for the year, lasting from the middle of September to the last week of March, are $128. The only charges for tuition are $15 a year for incidentals, and $5 for diploma fee. There are eight fellowships, divided among the different departments, and three scholarships in agriculture for one student from each county of the State. An employment committee secures work for poor students.

Equipment: The college grounds cover 330 acres, part of which is reserved for botanical and horticultural purposes, and for the twelve college dwelling-houses. Besides the college library, the libraries of the city and of the State with 130,000 books are open to students. There is a botanical and geological museum, with 20,000 specimens and an archæological collection of Ohio antiquities. Extensive athletic grounds give opportunity for physical training.

Societies: The Halcyon Literary Society and the Horton, both for men, have halls in the University. The Browning Society, founded in 1883, and the Philomathean for women, have halls of their own. Besides these there is Newman Club for Catholics, a Biological Club, a Political Science Association, Engineers' Club, Athletic Association, two Christian Associations, and a branch of the King's Daughters.

Faculty.

James Hulme Canfield, LL.D., President.
Edward Orton, Ph.D., LL.D., Geol.
William Henry Scott, M.A., LL.D., Philosophy.
Sidney A. Norton, Ph.D., LL.D., Chemistry.
Nathaniel W. Lord, E.M., Mining and Metallurgy.
Samuel C. Derby, M.A., Latin.

William R. Lazenby, M.Agr., Horticulture.
Josiah R. Smith, M.A., Greek, and Librarian.
Henry A. Weber, Ph.D., Agricultural Chemistry.
Benjamin F. Thomas, Ph.D., Physics.
George W. Knight, Ph.D., History and Political Science.
R. Daniel Bohannan, B.Sc., C.E., E.M., Mathematics and Astronomy.
David S. Kellicott, Ph.D., Zoölogy and Entomology.
C. Newton Brown, C.E., Civil Engineering.
Ernst A. Eggers, German.
William A. Kellerman, Ph.D., Botany.
Thomas Forsyth Hunt, M.Sc., Agriculture.
Benjamin Lester Bowen, Ph.D., Romance Languages and Literature.
Joseph Villiers Denney, B.A., Rhetoric and English.
Arthur Lyman Williston, S.B., Director Industrial Department.
Allen Campbell Barrows, A.M., D.D., English Literature.
Edward Orton, Jr., E.M., Clayworking and Ceramics.
John T. Martin, U.S.A., Military Science and Tactics.
Robert Irving Fulton, A.M., Elocution and Oratory.
Jos. Nelson Bradford, M.E., Drawing.
William McPherson, Jr., D.Sc., Chemistry.
Henry Curwen Lord, B.Sc., Director Observatory.
Embury A. Hitchcock, M.E., Mechanical Engineering.
Olive B. Jones, Librarian.
Chas. Walter Mesloh, M.A., German.
Edward A. Kemmler, C.E., Civil Engineering.
Wm. David Gibbs, M.Sc., Agriculture.
H. J. Noyes, Dairy Husbandry.
Frederick Converse Clark, Ph.D., History and Economics.
Warren K. Moorehead, Curator Archæological Collections.
George W. McCoard, M.A., Mathematics.
Wilbur Henry Siebert, M.A., History.
Francis Cary Caldwell, B.A., M.E., Physics.
Frank A. Ray, E.M., Mining.
Dewitt Goodrich, Dairy Husbandry.
Charles Lincoln Arnold, M.Sc., Mathematics.
Lloyd Morris Bloomfield, B.Agr., Agricultural Chemistry.
Frank J. Combs, Charles W. Weick, Wm. A. Knight, Industrial Dept.
Thomas E. French, M.E., Drawing.
Newton Henry Brown, M.E., Physics.
Karl Dale Swartzel, M.Sc., Mathematics.
Thomas K. Lewis, B.Sc., Drawing.
Charles A. Bruce, B.A., French, Latin.
John A. Bownocker, B.Sc., Geology.
Edwin Mead Wilcox, Botany.
Francis Leroy Landacre, B.A., Zoölogy and Entomology.
Jas. Stewart Hine, B.Sc., Entomology.
Ambrose Pare Winston, A.M., History and Political Science.
Romeo Orpheus Keiser, B.Sc., Chemistry.
Frank B. Pearson, A.M., Latin.
Frank Haas, C.E., Mining and Metallurgy.
William Lloyd Evans, B.Sc., Raymond M. Hughes, A.B., Chemistry.
Frederick E. Kester, M.E., George H. Calkins, M.E., Physics.
William L. Graves, B.A., Rhetoric and English.
Joseph Russell Taylor, B.A., Rhetoric.

LAW SCHOOL.

William F. Hunter, Dean, Law of Sales.
George K. Nash, B.A., Torts.
David F. Pugh, Equity.
I. N. Abernethy, Criminal Law.
Jas. H. Collins, Law of Corporations.
Orlando W. Aldrich, LL.D., D.C.L., Law of Real Property.
J. Paul Jones, B.A., Law of Contracts.
Emilius Oviatt Randall, B.Ph., LL.M., Commercial Law.
Horace Lafayette Wilgus, M.Sc., Elementary Law.
Edgar B. Kinkead, Elementary Law.

OHIO UNIVERSITY.

Athens, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,000	286	20	6	21,000

The university, though chartered and organized in 1804, was established in 1887 by a purchase of land from the United States. It is under the control of the legislature and of twenty-one trustees, who are appointed by the State. The grounds cover ten acres. The main building, which was built in 1817, is the oldest college edifice in the State, just as the university itself was the first institution of higher learning contemplated in Ohio. Instruction was suspended between 1846 and 1849. The presidents have been: the Revs. James Irvine, A.M., 1822–1824; Robert G. Wilson, D.D., 1824–1839; William H. McGuffey, D.D., LL.D., 1839–1843; Alfred Ryors, D.D., 1843–1852; Solomon Howard, D.D., LL.D., 1852–1872; William H. Scott, A.M., 1872–1883, and Charles W. Super, A.M., Ph.D., since 1884.

Admission is by examination and upon certificate. The degrees are A.B. and B.Ph., and A.M. and Ph.D. after three years and conspicuous scientific attainments. Half the subjects after the first year are elective. Attendance at chapel is compulsory. Negroes are not excluded. The expenses for the year, lasting from September 3 to June 27, are $175. Ten $100 scholarships are offered.

The societies are the Athenian and Philomathean, with the Adelphia for women. Chapters of the following fraternities have been organized: Β Θ Π, Β Κ, 1841; Δ Τ Δ, 1862; Φ Δ Θ, 1868; Κ Α Θ, 1876–1885; and Π Β Φ, 1889.

The oldest graduate is O. W. Brown, 1829, of Pittsburgh, Pa.

Faculty.

Charles W. Super, A.M., President, Greek.
Willis Boughton, A.M., English.
Henry E. Chapin, Biology, Geology.
David J. Evans, A.M., Latin.
John P. Gordy, Ph.D., Philosophy and Pedagogy.
William Hoover, A.M., Ph.D., Mathematics and Astronomy.
James E. LeRossignol, Ph.D., Ethics and Psychology.
Walker Bowman, B.S., Chemistry.
Eli Dunkle, A.B., Greek.
Catherine A. Findley, Elocution.
Kate Cranz, German and French.
Albert A. Atkinson, B.S., Physics.
John E. Snow, B.S., Physics.
Horace M. Conaway, A.B., Latin and History.
Brewster O. Higley, American History and Finance.
Sarah Stinson, Painting.
Myrtle Stinson, Music.
Charles M. Copeland, Commercial Branches.
Mabel K. Brown, B.Ph., Stenography.

OHIO WESLEYAN UNIVERSITY.

Delaware, Ohio. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$100,000	1,125	53	10	16,886

History and Organization: The college was founded in 1842. The faculty was organized two years later. The presidents have been: Bishop Thomson, 1842–1860; Rev. Frederick Merritt, 1860–1873; Fales Newhall, 1873–1883; Professor McCabe, 1883–1886; Charles H. Payne, D.D., LL.D., 1886–1889; and James W. Bashford, Ph.D., from 1889 until the present. The trustees number thirty, of whom five are alumni.

Admission, Degrees, etc.: Admission is by examination and upon certificate for subjects corresponding to those of the curriculum. The degrees are A.B., B.L., and B.S.; A.M. after one year; Ph.D. after three years of resident study; and S. T. D. after ten years of marked success. Attendance at chapel is required except upon petition. Attendance at gymnastics and military drill is voluntary, and credits are given for such attendance. Negroes have been admitted ever since the close of the Civil War. Connected with the college is an academic department.

Dues, Scholarships, and Prizes: Tuition is $15 a year, but an "incidental fee" of $36 is charged in addition. In 1854 no less than 3,740 scholarships were sold, which are expected to reach cancellation within twenty years. A prize of $25 is offered for modern languages.

Equipment: The college buildings number ten, of which six are on the campus. Besides a gymnasium and library, there are three buildings equipped for laboratory work. Monnett Hall, the dormitory for women, is situated a half mile from the campus amid picturesque surroundings. The college grounds cover forty acres.

Societies and Publications: The students publish the "Transcript" and "Weekly Folio." The societies are the Zetagathean, Christomathean, Athenian, and Amphictyonian. Halls are owned by all. Four societies are maintained by the academic department, while three more flourish in Monnett Hall: namely the Clionian, Athenean, and Castilian. In addition to these organizations there is a Christian Association, growing out of the Missionary Lyceum, dating from 1846, and an Athletic Association with baseball and football teams. Chapters of the following fraternities have been organized: Β Θ Π, 1853; Σ Χ, 1855; Φ Δ Θ, 1860; Φ Κ Ψ, 1861; Δ Τ Δ, 1866; Φ Γ Δ, 1869; Κ Φ, 1873; Κ Κ Γ, 1879–1881; Κ Α Θ, 1881; Α Τ Ω, 1887; and Σ Α Ε, 1889.

The alumni number more than 2,200, of whom 2,000 are living. The oldest of these is W. D. Goodman, D.D., 1846, of Winsted, La.

Faculty.

Rev. Jas. W. Bashford, B.D. Ph.D., D.D., President, Christ. Evidences.
Rev. Lorenzo D. McCabe, D.D., LL.D., Philosophy.
Rev. William G. Williams, LL.D., Greek and Biblical Literature.
Rev. William F. Whitlock, D.D., Latin.

Rev. Hiram M. Perkins, A.M., Mathematics and Astronomy.
Wm. O. Semans, A.M., Chemistry.
Edward T. Nelson, A.M., M.D., Ph.D., Physiology and Geology.
John H. Grove, A.M., Latin.
Rev. Richard Parsons, A.M., Greek.
Rev. Cyrus B. Austin, A.M., Math.
Rev. William W. Davies, A.M., B.D., Ph.D., German and Hebrew.
Ellen R. Martin, A.M., Belles-Lettres, and Preceptress.
Robert I. Fulton, A.M., Elocution and Oratory.
Rev. Richard T. Stevenson, A.M., B.D., Ph.D., History, English Lit.
William G. Hormell, A.M., Ph.D., Physics.
Rev. Albert Mann, A.M., Ph.D., Biology.
Clara A. Nelson, A.M., French.
Rev. Trumbull G. Duvall, A.M., Ph.D., Philosophy.
Lieut. Waldo E. Ayer, U.S.A., Military Science and Tactics.
Samuel H. Blakeslee, Music.
Delia L. Williams, Ped.D., English.
Katherine E. Junkerman, Elocution.
Florence Newcomer, China Painting.
Elizabeth Flint, Physical Culture.
Francis M. Swinehart, William W. Overmyer, Mathematics.
Charles H. Brownell, Chemistry.
Charles H. Shaw, Botany.
Frank Montgomery, Biology.
Marion Harter, Violin and Piano.
Edward L. Powers, Counterpoint.
Charles M. Jacobus, Piano.
Augusta H. Hayner, B.L., Harmony.
Nellie Young, Singing.
Joseph B. Rogers, A.B., History of Music.
Aquila Webb, A.B., Elocution.
Volera Koeppel-Griffiths, Singing.
Mertie E. Besse, Piano.
Dana A. Nelson, Fordyce T. Richards, Physics.
Herbert A. Hard, Geology.
Oliver A. Wright, Samuel H. Layton, English.
Hollis A. Wilbur, Histology.
John W. Swartz, Olive Austin, B.L., Mathematics.
Allen Chase, Latin.
Orme W. Brown, Chemistry.
Mary White Reagh, B.L., Mathematics and English.
Martha H. Bailey, Elocution.
Hiram M. Perkins, Secretary.
Edward T. Nelson, Curator Cabinets.

OLIVET COLLEGE.

Olivet, Mich. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,000	400	20	9	24,000

The college was founded in 1859, and is designed to meet the needs of those who wish to begin work at any time in the year. It is governed by twenty-four trustees and a Women's Board of nine members. Admission is by examination and on certificate. Attendance at chapel and gymnastic exercise is compulsory. The degrees are A.B., B.S., and B.Ph. Three honors are open to seniors. The expenses for the year, lasting from September 12 to June 18, are $135. Prizes of $25 and $50 and $100 are offered for excellence in the classics.

The societies are the Soronian, for women, the Phi Alpha Pi and Delphi, for men, a Musical Guild and two Christian Associations. The "Echo," is published. The graduates since 1863 number 400, the oldest of whom is Sarah B. Cosser, 1863, of Vermontville, Mich.

Faculty.

Willard G. Sperry, A.M., D.D., President, Philosophy.
Jos. L. Daniels, A.M., D.D., Greek.
Stewart Montgomery, A.M., Chemistry and Physiology.
Walter E. C. Wright, D.D., Christianity.
George A. Knapp, A.M., Astronomy and Mathematics.
James L. Kellogg, Ph.D., Biology and Geology.
Charles E. Dixon, A.M., Latin.
Charles McKenny, A.M., History and Pedagogy.
Cora Marsland, O.M., English.
Lizzie E. Bintliff, Music.
Marie H. Frohn, French and German.
Thomas F. Kane, A.B., Ph.D., Latin.
Hamilton King, A.M., Greek.
George N. Ellis, A.M., Latin.
M. Ida Swindt, M.L., Mathematics.
Loren D. Milliman, A.B., English.
Wendell P. Parker, A.B., Physics.
Anna B. Shepard, Singing.
John B. Martin, Orches. Instruments.
Annie E. Tennent, Music.
Clara Lee Huston, Piano.
Samuel L. Wise, Painting.
William R. Alvord, Gymnastics.
William H. Reuther, B.S., Biology.
Joseph L. Daniels, Librarian.
Albert L. Lee, Registrar.

OSKALOOSA COLLEGE.

Oskaloosa, Iowa. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	160	12	3	4,000

The college was founded in 1862. It is governed by twenty-three trustees. Admission is by examination and on certificate. Degrees are A.B., B.L., and B.S. The expenses for the year, from September 15 to June 10, are $120. The societies are the Athenian and Philomathi Oratorical Association. The "Palladium," is published. A chapter of Δ T Δ was organized in 1878. The graduates since 1867 number 118, of whom 115 are living. The oldest of these is Geo. W. Seevers, 1867, of Oskaloosa.

Faculty.

John M. Atwater, A.M., President, Philosophy.
Amaziah Hull, A.M., History.
Anna R. Atwater, M.Ph., Math.
John M. Stoke, B.S., Physics, Chem.
Chas. J. Atwater, A.B., Classics.
Mary Forward, B.L., Modern Lang.
Mabel Pearl Mead, Elocution.
Ethel M. Brown, English.
Chattie B. Hunter, Grammar.
Arthur L. Sprague, Book-keeping.
Mrs. W. A. Seevers, Music.
David W. Roberts, Singing.

OTTAWA UNIVERSITY.

Ottawa, Kan. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,760	402	15	3	3,000

The college was incorporated in 1865, on a grant of 340 acres of land, of which 300 were sold. It is governed by twenty-four trustees.

Admission is by examination and on certificate. Negroes are admitted. The degrees are A.B., B.L., B.S., with masters' degrees after three years and degrees in music. A lecture course is maintained. Attendance at chapel and gymnastic drill is compulsory. The expenses for the year, lasting from September 9 to June 10, are $113. Four money prizes are given for declamation and scholarship, and a fund has been established to aid poor students. The societies are the Olympia and Philolethean, with a Christian Association. The graduates since 1879 number 100, the oldest of whom are Alice Boomer, of Hiawatha, Kan., and Jennie Sherman, a missionary, of the class of 1888.

Faculty.

J. L. S. Riggs, Ph.D., President, Psychology, etc.
Milan Lester Ward, D.D., Math.
James S. Gorsline, Ph.B., Sciences.
Howland Cyrus Merrill, A.M., History and Economics.
Erwin Charles Harmon, A.M., Greek.
Frances Cornelia Norris, A.M., English and Modern Languages.
Everett Henry Fitch, A.B., Latin.
Thomas Wright DeHaven, B.S., Business Department.
Ada Vassar Harbottle, A.B., Elocution and Gymnastics.
Sam. Francis Cravens, B.M., Singing.
Etta Dent Cravens, B.M., Piano and Harmony.
Emma Belle Brockway, Instrumental Music.
Emma Dilley Dent, Singing.

OTTERBEIN UNIVERSITY.

Watertown, O. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,000	270	17	3	8,000

In 1846 preparations were made to establish this school at Bluffton, Ind., but in October the Blendon Seminary at Westerville was purchased and transformed into the school bearing the present name. In 1854 it was chartered as a college, and graduated two women in 1857. It is governed by fifty-four trustees, of whom thirteen are alumni, and there is a board of alumnæ visitors. Admission is on certificate. The degrees are A.B., B.L., and B.Ph., with those of A.M. and M.L., after one year of resident work. Attendance at chapel is compulsory. The expenses for the year, lasting from September 2 to June 9, are $150. Matriculation and diploma fees with incidental fees are charged. Tuition is remitted for the sons of superannuated and itinerant ministers of the United Brethren. The societies are the Philolethean and Cleiorhetean, for women, the Philophronean and Philomathean for men, with a Christian Association and Historical Society. Of the 443 graduates, 400 are living. Mary K. Winter, 1857 of Los Angeles, Cal., is the oldest.

Faculty.

Thomas J. Sanders, Ph.D., President, Philosophy.
John Haywood, LL.D., Emeritus.
John E. Guitner, A.M., Registrar Greek.
Rev. H. Garst, D.D., Philosophy.

Louis H. McFadden, A.M., Natural Science.
George Scott, Ph.D., Librarian, Latin.
Frank E. Miller, Ph.D., Math.
Tirza L. Barnes, B.S., English and History.
Rev. William J. Zuck, A.M., English.
Josephine Johnson, M.A., Modern Languages.
Rudolph H. Wagoner, A.B., Latin.
Rev. W. O. Fries, A.M., Christian Evidences.
Isabel A. Sevier, Painting.
Gustav Meyer, Music.
Zorah E. Wheeler, Singing.
E. Luella Fouts, Ph.B., Physical Culture.
Frank S. Fox, A.M., Elocution.

OUACHITA BAPTIST COLLEGE.

Arkadelphia, Ark. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$9,000	300	18	2	3,000

The college was founded in 1886, when J. W. Conger was elected president. Four years later the old building was destroyed by fire. The school is governed by fifteen trustees. Admission is upon certificate. Negroes are excluded. The degrees are A.B., B.Ph., and B.S., Mistress of English Literature, and M.D. Attendance at chapel is compulsory. The expenses for the year, lasting from September 15 to June 5, are $230. The grounds cover ten acres.

The societies are the Hermesian, Philomathean, Alpha Kappa, and Corinean, Society of Religious Inquiry, and an Athletic Association, with baseball, football and tennis clubs. The "Society," is published monthly.

Faculty.

John W. Conger, A.M., President, Psychology and Ethics.
Frederic Otto Schub, A.M., Greek, Mathematics, and Science.
Reese E. Major, A.B., Latin, Math.
A. G. McManaway, D.D., History.
Estelle Blake, A.B., English.
Mrs. N. G. Biscoe, A.B., Preparatory Department.
Cornelia Hickman, A.M., Modern Languages.
Mary Hamilton, Librarian.

OXFORD COLLEGE.

Oxford, O. *Women.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$35,000	210	25	1	5,000

The Oxford Female College was founded in 1849, changing its name in 1855 to the Female Institute. It is governed by twenty-four trustees. Miami University and another women's college are situated in the same place. Admission is by certificate or by examination. Three courses lead to degrees of A.B., B.L., and B.S. Elective and

post-graduate studies are offered. Attendance at chapel and gymnastic exercise is compulsory. Alumni, Missionary and Christian Endeavor Societies are maintained.

Faculty.

Rev. Faye Walker, D.D., President.
Lillie M. Walker, Preceptress.
Mary Carrie Holmes, Dean.
Mary U. Pratt, Philosophy, History.
Carl Hoffman, Music.
N. Hemphill Stewart, Sacred Lit.
Josephine E. Sondericker, A.M., Latin.
T. Letitia Thompson, Academic Dept.
Adele Mollyneaux, Stringed Instruments.
Cora B. Allen, Lillie M. Schenk, Piano.
Henry Snyder, S.M., Physics, Chem.
Anna H. Potter, B.L., Secretary.
Hattie Roudebush, Treasurer.
Marie Hoffman, Voice.
Caroline Blanchard, Art.
Martha J. Cushman, Librarian.
Mary S. Cullom, Portraiture.
Ellen Strong Bartlett, Literature.
Emily Faber, Modern Languages.
Shelly Wiseman, Mathematics.
Elizabeth F. Darling, A.B., Natural Sciences.
Frances Darling, A.B., English.
Lilian C. Jones, A.B., Greek.
Anna G. Taggart, Elocution.
Bessie Banks, Dressmaking.
Katherine Hartley, Supervisor of Practice.
Lillian Thayer, B.L., Tutor.

OZARK COLLEGE.

Greenfield, Mo. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,000	120	5	———	1,200

The college was founded in 1882. Admission is on certificate. The degree is A.B. Total expenses for the year, ending June 17, are $145. The graduates number eighty. The president is J. H. Solden, A.M.

(*Further information lacking.*)

PACIFIC COLLEGE.

Newberg, Ore. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	150	8	3	500

This college was founded in 1891. Admission is mainly on certificate. Attendance at chapel is compulsory. The degree of A.B. is conferred. The academic year ends June 17. The college grounds cover twenty-three acres. The students publish the "Crescent," and maintain oratorical, literary and scientific societies, two Christian Associations, and an Athletic Association with football and baseball teams. Ten alumni have been graduated. The president is Thomas Newlin, A.M.

(*Further information lacking.*)

PACIFIC UNIVERSITY.

Forest Grove, Ore. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
———	200	15	6	7,000

The university, which dates from 1853, is the successor of the Tualatin Academy of 1848. It is governed by thirteen trustees. Admission is by examination. Degrees of A.B. and B.S. are conferred, with the master's degree after three years. Attendance at chapel is compulsory. Negroes are not excluded. Tuition for the year, lasting from September 18 to June 17, is $45. The college grounds cover thirty acres.

The students maintain the Gamma Sigma Society for men, and Philomathean for women, two Christian Associations, and an Athletic Association with football and baseball teams. The graduates number 107.

Faculty.

Rev. Thomas McClelland, D.D., President, Mental and Moral Philosophy.
Joseph Walker Marsh, Ph.D., Greek and Latin.
William Nelson Ferrin, M.A., Math.
Theodore Whittelsey, Ph.D., Chemistry and Physics.
Francis Ernest Lloyd, M.A., Biology and Geology.
James Rood Robertson, M.A., History.
Margaret Best, B.A., English.
Rev. Henry Liberty Bates, M.A., Academy.
Homer Charles Atwell, Greek, Latin.
Rachel Green Lloyd, B.L., English.
Bertha M. Buckham, Academy.
Mrs. F. R. Cook, Music.
Mrs. Walter Reed, Vocal Music.
J. M. Garrison, M.S., Penmanship.
Miss. O. S. Haskell, Matron.

PARK COLLEGE.

Parkville, Mo. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
———	390	18	3	3,700

The college was founded by the Rev. John A. McAfee, D.D., and was opened in 1875. Since the death of the founder and first president in 1890, the school has been without a president. It is governed by seventeen trustees. Admission is upon certificate. Attendance at chapel is compulsory. Degrees of A.B., and of Litt.B., for women, are conferred after two years and an examination. The expenses for the year, lasting from September 3 to June 19, are from $60 to $100. Tuition is $10 a term. Nine prizes of from $10 to $20 are offered for essays and declamations. The societies are the Cheever, Park and Bullow, with oratorical and Christian Associations. The president's "family" is also mentioned as one of the societies. The students publish the "Stylus." The graduates number 245, of whom the Rev. W. T. Scott, 1879, Cleone, Ore., is the oldest.

Faculty.

Lowell M. McAfee, Chairman.
Margaret Best, A.M., Greek, English.
Rev. Cleland B. McAfee, A.M., Ph.D., Mental Philosophy.
Charles F. Winchell, A.M., Greek.
Arthur L. Wolfe, A.B., Ph.D., Latin.
Rev. Samuel L. McAfee, A.M., Bible.
Mrs. S. L. McAfee, A.M., Music.
Merlin C. Findlay, A.B., Nat. Sciences.
Arthur M. Mattoon, A.M., Math.
Henry S. Verrill, A.B., Rhetoric.
Jessie B. Woodside, A.M., M.D., Physiology.
Thos. S. Burt, A.B., History, Greek.
Clara B. Hastings, A.M., History.
J. McC. Martin, A.M., Geometry.
Agnes M. Dilley, A.M., Mathematics.
Mary Hindman, A.B., Vocal Music.
Isabella McRae, A.M., Latin.
Mary B. Barrett, A.M., Elementary Branches.
M. Clara Haynie, A.B., English.

PARKER COLLEGE.

Winnebago City, Minn. *Co-Educational.* *Free Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,000	144	8	1	1,500

In 1886 a General Baptist Conference authorized the Western Association to establish a college in the West, which was duly incorporated as Parker College in 1887. The town gave $12,000 and seventy acres. Instruction began in 1888. In 1891 the sum of $50,000 was raised. It is governed by thirty-five trustees. Admission is by examination and on certificate. Three courses, — the classical, philosophical and scientific lead to degrees of A.B., B.Ph., and B.S. The expenses for the year, from September 10 to June 13, are $100.

Faculty.

Rev. Gideon A. Burgess, A.M., D.D., President, Philosophy.
Lucy Phillips Durgin, A.M., Latin.
Rev. Robert D. Frost, A.M., Greek and German.
Lewis Eugene Ashbaugh, Ph.B., Mathematics and Astronomy.
Sarah A. Benedict, A.B., History.
Charles Wesley Teubner, Business Branches.
A. Louise Randolph, Instrumental Music.
Alice Hope Dunn, Physical Culture and Reading.

PARSONS COLLEGE.

Fairfield, Iowa. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	270	11	1	4,000

The college was founded in 1875 by Lewis B. Parsons, Sr., on the proceeds of a legacy made in 1855. The college grounds cover twenty-three acres. The presidents have been the Revs.: John

Armstrong, D.D., 1876–1879; E. J. Gillett, D.D., 1879–1880; T. D. Ewing, D.D., 1880–1889; and Ambrose C. Smith, D.D., 1889 to the present. Admission is upon certificate. Negroes are not excluded. Attendance at chapel is compulsory. Degrees of A.B. and B.S. are given. The expenses for the year, from September 15 to June 3, are $150. Sixteen special scholarships are offered. The societies are the Aldine and Orio for women, with the Alethean and Elzevir for men; two Christian Associations, an Oratorical Society, and an Athletic Association. The students publish the "Portfolio," the "Quarterly," and an annual handbook. The graduates number 200.

Faculty.

Rev. Ambrose C. Smith, D.D., President, Philosophy.
Richard A. Harkness, M.A., Ph.D., Latin.
Abram H. Conrad, M.S., Natural Sciences.
William A. Wirtz, M.A., Librarian, Modern Languages.
Rev. Selby Frame Vance, M.A., Greek.
George Daniel Gable, M.A., Ph.D., Mathematics.
Louis Begeman, M.S., Physics and Chemistry.
John V. Bean, M.D., Anatomy.
Rev. John F. Magill, D.D., Theology.
Susie Alice Harkness, B.A., Latin and Greek.
Martin M. Schœnert, Music.

PENN COLLEGE.

Oskaloosa, Iowa. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,000	270	11	3	4,000

The college was opened in 1873. Of the fifteen trustees, five are alumni. Admission is by examination or on certificate. The degrees are A.B., B.S., B.Ph., with A.M. and M.S. after three years. Lecture courses are offered. Expenses for the year, lasting from September 22 to June 17, are $125. Graduate fellowships of $300, and one Bryn Mawr scholarship for women, as well as three other scholarships equivalent to tuition, are offered. A new gymnasium has recently been equipped. The chapel is decorated with valuable paintings.

The societies are the Alethean for women, and the Alcimian for men. A large hall is owned by them and a Debating Club, acting in unison. Athletic and Christian Associations have also been organized. Of the 150 graduates the oldest is Linda Ninde, 1875, of Los Angeles, Cal.

Faculty.

Absalom Rosenberger, President, Psychology.
Rosa E. Lewis, English Literature.
Stephen M. Hadley, Mathematics.
Wm. L. Pearson, Biblical Literature.
Charles L. Michener, Greek and Latin.
Wm. S. Windle, Biology, Chemistry.
Elmer H. Gifford, Physics.
Pauline Wies, Modern Languages.
Elizabeth S. Johnson, Latin, History.
Margaret Baker, Elocution.
M. Gertrude Windle, Drawing and Painting.
Belle C. Ray, Instrumental Music.
Annette L. Harwood, Vocal Music.
Rosa E. Lewis, Librarian.

PENNSYLVANIA COLLEGE.

Gettysburg, Pa. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,266	239	16	6	23,000

The college was founded in 1832 by a number of citizens, chief among whom was Rev. S. S. Schmucker of the local theological seminary. It is governed by thirty-six trustees, of whom six are alumni. Admission is by examination or on certificate. Degrees of A.B. and B.S. are given, as well as that of Ph.D. after two years. Elective studies are offered during the last two years. Attendance at chapel and at gymnastic exercise during the first two years is obligatory. The expenses for the year, from September 8 to June 22, are $150, A number of permanent scholarships have been established, and five prizes of varying amounts of money are distributed annually.

The college grounds cover fifty acres, and comprise fourteen buildings costing $225,000 in all. The students publish the "Mercury," a monthly, and the "Spectrum," a junior annual. The societies are the Philomathean and Phrenokosmian, with a library of 12,000 volumes, the Philo and Phrena Debating clubs, a Christian Association, and Athletic Association with baseball and football teams.

Faculty.

Harvey W. McKnight, D.D., LL.D., Philosophy.
Adam Martin, D.D., German, French.
John A. Himes, A.M., English.
Rev. Philip M. Biklé, Ph.D., Latin.
Edw. S. Breidenbaugh, Sc.D., Chemistry, Mineralogy, Curator of Museum.
H. Louis Baugher, D.D., Greek.
George D. Stahley, A.M., M.D., Physical Culture.
Henry B. Nixon, Ph.D., Mathematics and Astronomy.
Eli Huber, D.D., English Bible.
Rev. Oscar G. Klinger, A.M., Classics.
Franklin Menges, Ph.D., Chemistry.
Hon. William McClean, A.M., Constitutional Law.
A. Pohlmann, A.B., Gymnastics.
U. S. G. Rupp, A.B., Latin, Science.
Charles H. Huber, A.B., Math.
Thos. Bruce Birch, A.B., English.
David P. Drawbaugh, Book-keeping.
J. A. Himes, Librarian.
Sallie P. Krauth, Assistant Librarian.

PENNSYLVANIA MILITARY COLLEGE.

Chester, Pa. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	116	12	7	1,800

The college was incorporated in 1862. It is governed by sixteen trustees. The grounds cover twenty acres. Admission is by examination. Three courses in classics, science, and engineering lead to degrees of A.B., B.S., and C.E., and the master's degree is conferred after one year of resident study. The expenses for the year, lasting

from September 17 to June 17, are $500. Five medals for excellence in study are offered. Attendance at chapel is obligatory. Military discipline is maintained by a system of military punishments, and courses of military science, and of cavalry and infantry drill, as well as marksmanship, are given. The college has a well-equipped gymnasium, armory, and a hospital. The graduates number 315, of whom 278 are living. The oldest of these is Thomas H. Larkin, 1867, of St. Louis, Mo.

Faculty.

Charles E. Hyatt, C.E., President.
Silas G. Comfort, M.Ar., C.E., Engineering.
Lieut. George McK. Williamson, Military Science and Mathematics.
Lee C. Felthausen, A.M., Modern Languages.
Edw. P. Harris, A.M., Ph.D., Chem.
Frank R. Brown, C.E., Railroads and Military Science.
John R. Sweney, Mus. Doc., Emeritus.
Horace G. McKean, A.M., Rhetoric.
William E. Stubbs, C.E., Geometry.
Henry L. McClellan, A.M., Latin.
Chas. S. Fahnestock, M.E., Drawing.
Ernest M. Bliss, A.B., Chemistry.
Clarence W. de Lannoy, M.D., Anatomy and Physiology.
William B. Ulrich, M.D., Surgeon.
William H. Martin, Commissary.

PENNSYLVANIA STATE COLLEGE.

State College, Pa. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$120,248	310	43	5	11,000

The college was organized in 1859 as the Farmers' High School, and in 1862 became the Agricultural College, after the legislature had appropriated the proceeds of the national land grant of 1862 to its use. In 1874 it assumed its present name. In all, the State has appropriated more than $6,000,000 to this one college. The presidents have been: Evan Pugh, Ph.D., F. C.S., 1860–1863; W. H. Allen, LL.D., 1864–1866; John Fraser, A.M., 1867–1868; T. H. Burrowes, LL.D., 1869–1871; Rev. James Calder, D.D., 1871–1880; Joseph Shortlidge, A.M., 1880–1881; Geo. W. Atherton, LL.D., from 1882 to the present. The college is governed by ten elective and nine *ex-officio* trustees.

Admission, Instruction, and Degrees: In lieu of examination, certificates of all normal and high schools, as well as of all academies of the State are accepted. The four years' courses are: classical, general science and Latin-scientific, with courses in agriculture, biology, chemistry, civil, electrical, mechanical, and mining engineering, as well as in mathematics and physics. Provision is also made for an extensive range of elective work in ancient and modern languages, psychology, ethics, pedagogics, history, and political science. Degrees of A.B., B.S., and of C.E., M.E., and E.E., as well as masters' degrees after special study are given. Attendance at military drill and chapel is compulsory. Negroes are not excluded

Dues, Scholarships, and Prizes: No tuition is charged for residents of the State. Others pay $100 for the year, lasting from September 11 to June 17. An incidental fee of $17 is charged, as well as laboratory fees. Fifty senatorial scholarships have been established, exempting the holders from all charges except laboratory fees for four years. Five prizes of unspecified value are annually distributed.

Equipment: The college grounds cover four hundred acres, one hundred of which are used for experimental purposes, while fifty are reserved for the campus. Besides six public buildings, among which are a gymnasium and armory, an Agricultural Experiment Station, with well-equipped physical and chemical laboratories and machine-shops, there are ten dwelling-houses for professors. No dormitories have as yet been provided. Separate libraries have been established for each college department.

Societies and Publications: The college publishes an annual bulletin, an alumni record, and many agricultural bulletins. The students publish the "Free Lance," a monthly; and "La Vie," a junior annual; the "Mining Bulletin," and a Y. M. C. A. handbook. The societies are: the Alumni Association, Adelphi Club, Scientific Association, Friday Club, Camera Club, Press Club, Electrical Engineers, Mining Association, Chemical Club, L'Union des Esprits, Cotillion Club, Glee Club, Choir, Orchestra; Banjo, Guitar, and Mandolin Clubs; Delmonico Club, Clover Club, Future Farmers, Military Company, Athletic Association with football and baseball teams, and a Tennis Association. Chapters of the following fraternities have been organized: Δ Τ Δ, 1872–1874; Φ Γ Δ, 1888; Q Τ V, 1885–1890; Β Θ Π, 1887; Φ Κ Σ, 1890; Σ Χ, 1891; Κ Σ, Σ Α Ε, 1892; Φ Δ Ε, 1893, and Θ Ν Ε, 1894.

Faculty.

George W. Atherton, LL.D., President, Political Science.
William A. Buckhout, M.S., Botany.
I. Thornton Osmond, M.S., M.A., Physics.
Harriet A. McElwain, M.A., History.
Louis E. Reber, M.S., Mechanics.
Wm. Frear, Ph.D., Agricultural Chem.
George Gilbert Pond, M.A., Ph.D., Chemistry.
Henry P. Armsby, Ph.D., Stock Feeding.
Henry T. Fernald, M.S., Ph.D., Zoöl.
Benjamin Gill, M.A., Greek and Latin.
E. W. McCaskey, U.S.A., Military Science.
Magnus C. Ihlseng, E.M., C.E., Ph.D., Mining Engineering, etc.
John Price Jackson, B.S., M.E., Electrical Engineering.
Fred E. Foss, B.S., M.A., Civ. Engin.
Joseph M. Willard, B.A., Math.
Fred Lewis Pattee, M.A., English.
Geo. C. Watson, B.Agr., Agriculture.
John M. Gregory, A.M., LL.D., Economics.
George C. Butz, M.S., Horticulture.
Harry Harkness Stoek, B.S., E.M., Mining Engineering.
Madison M. Garver, B.S., Physics.
Franklin Elliot Tuttle, B.A., Ph.D., Chemistry.
William Mason Towle, B.S., Practical Mechanics.
Erwin W. Runkle, M.A., Ph.D., Psychology and Ethics.
Joseph H. Tudor, C.E., M.S., Math.
E. J. Colcord, M.A., History.
Thomas C. Hopkins, M.S., M.A., Geology.
Carl D. Fehr, M.A., Mod. Languages.
Charles L. Heisler, M.A., Machine Design.
T. Raymond Beger, B.S., C.E., Civil Engineering.
Anne E. Redifer, Industrial Art.
Hervey E. Dunkle, B.S., Mechanical Drawing.

John A. Hunter, Jr., B.S., Mechanical Engineering.
Henry A. Lardner, B.S., E.E., Electrical Engineering.
Harry Hayward, B.S., Dairy Husb'dry.
John H. Leete, B.A., Mathematics.
Irving L. Foster, M.A., Romance Languages.
Harry K. Munroe, M.A., English.
George Tucker Sellew, M.A., Math.
Joseph M. Wolfe, M.A., Instructor.
Robert Elmer Hendershot, B.S., Math.
Francis J. Pond, M.A., Ph.D., Assaying.
Walter J. Keith, M.A., Ph.D., Chem.
Helen M. Bradley, Librarian.
Clara Dayton Wyman, Music.
Paul B. Breneman, B.S., Civ. Engin.
Charles Albert Browne, Jr., B.A., Chemical Laboratories.
Lloyd A. Reed, B.S., Electrical Laboratories.
George Dorsey Green, B.S., Biological Laboratory.
Chas. H. Stone, Practical Mechanics.
Warren P. Smiley, B.S., James C. Attix, B.S., Chemical Laboratories.
Geo. W. Hoskins, Physical Training.

PHILANDER SMITH COLLEGE.

Little Rock, Ark. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,954	312	14	3	700

The college was established for negroes in 1867. It is under the supervision of the Freedmen's Aid and Southern Education Society, and is governed by fourteen trustees. Admission is by examination. Besides the collegiate and English departments, special attention is given to the teaching of journalism and printing. The degree is A.B. Attendance at chapel is compulsory. A new chapel is in course of erection. Among the buildings the Adeline Smith Home, for the training of girls is the most notable. Of the thirty graduates, Rufus B. Childress, 1888, of Little Rock is the oldest.

Faculty.

Rev. Thomas Mason, A.M., D.D., President, Philosophy.
Rev. James M. Cox, A.M., B.D., Ancient Languages.
Frank E. Tuck, B.S., Higher Mathematics and Science.
Anna Lena Lewis, A.B., History and English.
Helena Richardson, L.A., Higher English.
Hattie Willie Cox, English.
Sadie Dickinson, English.
M. C. Bradley, Printing, Journalism.
Kate E. Phillips, Music.
Rev. G. E. Cunningham, Pol. Econ.
Rev. Wm. O. Emory, D.D., Theology.
Geo. W. Hayman, M.D., Physiology.
Rev. David H. Snowden, D.D., LL.D., Post-Graduate Examiner.
Rebecca Avery, Superintendent.
Julia Givens, Girls' Home.
Jas. M. Cox, A.M., B.D., Librarian.

PHILOMATH COLLEGE.

Philomath, Ore. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
——	67	6	2	800

The college was founded in 1867. It is governed by fifteen trustees. The college grounds cover eleven acres, and embrace Maple Park, one mile from the college. Admission is upon certificate or by examination. The degrees are A.B., and B.S. Besides the academic, collegiate, and normal courses, instruction in business, typewriting, etc., is given. The system of instruction in all the departments has recently been thoroughly reorganized. The expenses for the year, lasting from September 16 to June 17, are $100. Of the half-hundred graduates, the oldest is J. B. Springer, 1875, of Philomath.

Faculty.

B. E. Emerick, A.B., President, Classics and Psychology.
Henry Sheak, M.S., Natural Sciences.
Walter A. Law, Mathematics and Art.
Helena Schweizer, German.
Mrs. M. J. Bradford, Ladies' Department.
Ethel Bradford, Organ and Piano.
Elva Akin, B.S., Telegraphy.
E. H. Sheak, Librarian.

PIERCE CHRISTIAN COLLEGE.

College City, Cal. *Co-Educational.* *Christian Brothers.*

Income,	Students,	Instructors,	Buildings,	Books,
——	123	5	3	2,500

The college was founded by Andrew Pierce. It is governed by eleven trustees, one of whom represents the alumni. Admission is by examination and on certificate. Ten departments of study are offered, leading to degrees of A.B., B.S., C.E., and in music. The expenses for the year, lasting from September 4 to May 17, are $100.

The college grounds cover nine acres. Literary and religious societies are maintained by the students. The graduates, since 1878, number seventy-three.

Faculty.

William Henslee, President, Philosophy, History, and Bible.
W. H. Baker, Math., Commercial Law.
Laura Henslee, Primary Branches.
Prudie Gillaspy, Music.
Allie Alexander, Gymnastics.

PIERRE UNIVERSITY.

Pierre, S. Dak. *Co-Educational.* *Presbyterian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	75	7	2	——

The university was founded by the Synod of South Dakota in 1883. The presidents have been: Rev. Thomas M. Findley, 1883–1885; William M. Blackburn, D.D., LL.D., 1885 to the present. Admission is on certificate. Academic, classical, scientific, normal and business courses lead to degrees of A.B. and B.S. Instruction is also given in music and art. Attendance at chapel and gymnastic exercise is not required. The expenses, from September 7 to June 4, aggregate nearly $100. The societies are the McCormick Literary Union and a Christian Endeavor Society. Athletics are not encouraged.

Faculty.

William M. Blackburn, D.D., President, Philosophy and Economics.
Miss L. J. Robinson, B.S., English.
D. W. Robinson, M.D., Chemistry.
Leon S. Smythe, Greek, Mathematics.
Mrs. M. E. Farr, Drawing, Painting.
Edna May Carter, Music.
Eppie McMillan, Stenography.

PIKE COLLEGE.

Bowling Green, Mo. *Co-Educational.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	165	9	——	500

The college was founded in 1882. Admission is on certificate. The degree of A.B. is given. The academic year ends on May 30. The president is R. E. Downing.

(*Further Information Lacking.*)

POLYTECHNIC INSTITUTE OF BROOKLYN.

Brooklyn, N. Y. *Men.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$100,000	781	51	4	12,000

The institute is the outgrowth of the Brooklyn Collegiate and Polytechnic Institute, incorporated in 1854, and opened in 1855, with John H. Raymond, LL.D., as president. Up to 1870 two courses were offered leading to degrees of A.B., and B.S. The present name was adopted in 1889.

The school is governed by a corporation of twenty-one trustees. Admission is by examination and upon regent's certificates, and those of the public schools of Brooklyn. At present only the degree of B.S. is given after the regular course, while degrees of C.E. and E.E. are conferred after graduate study. The academic department is preparatory to all the others. Gymnastic drill is required but not so attendance at chapel. Tuition for the year, lasting from September 18 to June 16, is $200.

Among the four buildings is a gymnasium, machine-shop, and main hall containing many well-equipped laboratories. The astronomical observatory has an equatorial telescope. The museum is rich in mineralogical and other specimens.

Besides several scientific publications and bulletins issued by the Faculty, a students' journal is published. Many societies and organizations are maintained among the undergraduates. The graduates since 1858 number 600, of whom R. W. Raymond, Ph.D., 1858, of Brooklyn, is the oldest.

Faculty.

David H. Cochran, A.M., Ph.D., LL.D., President, History and Philosophy.
Edward C. Seymour, A.M., Ph.D., Principal Academic Department.
George W. Collord, A.M., D.D., Ancient Languages.
Constantine Hertzberg, Drawing.
George W. Plympton, A.M., C.E., M.D., Physics and Engineering.
Rufus Sheldon, A.M., Pure Math.
Brainerd Kellogg, A.M., LL.D., English.
Rodney G. Kimball, A.M., Ph.D., Applied Mathematics, Engineering.
Charles A. Lador, French.
Gustave A. Carteaux, French.
Henry E. Northrop, A.M., German.
Samuel Sheldon, A.M., Ph.D.. Physics and Electrical Engineering.
Geo. S. Collins, A.M., Ph.D., German.
Peter T. Austen, Ph.D., F.C.S., Chem.
Najah Taylor, Superintendent.
Gillett Wynkoop, B.A., B.S., Qualitative Analysis.
W. Homer Broadhurst, B.S., Qualitative Analysis.
John Van Nostrand Dorr, B.S., Chem.
John Leggett, A.M., Latin and Greek.
Orville B. Stacy, Mathematics and Natural Philosophy.
Alanson H. Green, Norm. Grad., Math.
George W. Crane, M.D., Norm. Grad., Physics and Physiology.
Moses G. Young, Arithmetic.
Mary J. Baggs, Norm. Grad., History.
Lorenzo D. Brown, Book-keeping.
Henry M. Worrell, A.M., Latin and English.
Geo. A. Sawyer, Arithmetic, English.
Edwin G. Warner, Ph D., Latin and Greek.
C. J. King, Norm. Grad., Arithmetic and Geography.
John S. Spink, A.B., Arithmetic.
A. H. Flint, Drawing.
L. L. Wight, A.M., Latin and Math.
John F. Barringer, Arithmetic and English.
Lois L. Gaskill, Norm. Grad., History.
Edward Southworth Hawes, Ph.D., Latin and Greek.
Sanford J. Ellsworth, Norm. Grad., Mathematics.
Henry H. Esselstyn, A.B., English and Geography.
Nathaniel McGiffin, A.B., Elocution.
Edward Stone Hawes, A.B., English.
George Weeks Sanford, Stenography.
George C. Raynor, Norm. Grad., Penmanship.
John I. Hover, Norm. Grad., Mathematics and English.
Homer N. Seaver, M.A., LL.B., Mathematics and Spanish.
Charles P. Emerson, A.B., Phys. and Mathematics.
George A. Watrous, Elocution.
Ernest Mason Bliss, A.B., History.
Seymour L. Smith, Mathematics and Engineering.
James Douglas Andrews, Gymnasium.

PORTLAND UNIVERSITY.

Portland, Ore. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,500	390	19	2	2,500

A charter for this university was secured in 1890 through the four Pacific Conferences. The situation is on the high ground at the junction of the Columbia and Willamette Rivers. Of the thirty-three trustees, three are alumni. Admission is by examination, or upon the certificates of eleven high schools. The degrees are A.B., B.L., and B.S., as well as that of A.M. after one year of resident study. Attendance at chapel is obligatory. The expenses for the year, lasting from September 15 to June 4, are $150. Special attention is given to track and field athletics. The societies are the Hesperian, for men and women, the Columbian and the Belles Lettres for academical students. The graduates number thirty-five.

Faculty.

Thomas Van Scoy, A.M., D.D., President, Classics.
Nehemiah Doane, D.D., Theology.
Luella Cumming Wetzell, Singing.
Alice Aubray Weister, Painting.
Harvey K. Hines, D.D., Historical Theology.
James J. Rippetoe, A.M., Natural Science.
Burton J. Hoadley, A.M., History and Literature.
Arthur E. Breece, A.B., Mathematics.
Arthur J. Collier, S.B., A.M., Civics.
Jessie Van Scoy, Ph.B., Mod. Lang.
Susie Moreland Gill, Piano.
Anton Zilm, Instrumental Music.
F. Binnie DeForest, Ph.B., Elocution and Oratory.
Elmer E. Washburn, Ph.B., Grammar.
Winnie Skeiton, Singing.
Dora Devereaux, Shorthand.
Arthur W. Brown, Luella Knapp, and Perry F. Chandler, Grammar Department.

PRATT INSTITUTE.

Brooklyn, N. Y. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$125,000	3,195	147	4	57,000

The site of this institute, fronting on Riordan Street in Brooklyn was purchased in 1884, and the buildings were erected during the three following years. The government of the school is vested in three trustees and an associate council of eight. The conditions of admission are left to the heads of the various departments. Instruction is given in high school branches, fine arts, decorative art, domestic pursuits, science and technology, kindergarten work, and in cataloguing and museum classification. Diplomas are given in each of these departments.

In the high school the clubs are branches of the Pratt Institute Neighborhood Association, — they are the Talkers, Voluntaries, Camera, Glee, Sketch, Bicycle, and Archery clubs. The instructors and assistants, of whom only those of the higher departments are enumerated below, number nearly 150. The graduates number 10,066.

Faculty.

Frederic B. Pratt, Chairman.
Walter S. Perry, Harriet S. Sackett, Charles E. Richards, Emma O. Conro, William A. McAndrew, Alice E. Fitts, J. Frederick Hopkins, Mary W. Plummer, Instructors.

SCIENCE AND TECHNOLOGY.

C. R. Richards, Director.
Charles M. Allen, Physics, Chemistry.
Melville A. Marsh, Math., English.
Louis Rouillion, Mechanical Drawing.
Eugene C. Sickles, Mechanics.
Albert B. Green, Wood-working.
William C. Stimpson, Molding.
George A. White, Machine Work.
Edward M. Healy, Carpentry.
Frank N. Pierce, Manual Training.
Percival Chubb, Psychology, Pedagogy.
Douglas Burnett, Physics.
Arthur N. Mansfield, Electrical Construction.
Francis H. Pough, Physics, Chem.
Charles H. Van Leuven, Mechanical Drawing.
James S. Tierney, Mechan. Drawing.
Walter S. Kent, Chemistry.
John Todd, Plumbing.
George Heath, Plumbing.
P. William Nelson, Fresco Painting.
George S. Pinney, House and Sign Painting.
Millard H. Butts, Machine Work.
George P. Wardell, Secretary.

FINE ARTS.

Walter S. Perry, Director.
S. Herbert Adams, Clay-modelling.
Arthur W. Dow, Composition, Design.
Guy Rose, Portrait Classes.
Mary Allis Hurlbut, Drawing.
Ethelyn K. Fenner, Water Color.
Dora M. Norton, Sketching.
C. Frank Edminster, Architectural Drawing.
Vincent C. Griffith, History of Architecture.
Robert Hunter, Decorative Design.
George A. D. Tew, Wall-Paper and Carpet Design.
Henry Prellwitz, Antique and Portrait.
Ida C. Haskell, Color.
Katharine E. Shattuck, Drawing.
Horatia B. Ellingwood, Wood-carving.
Glentworth R. Butler, M.D., Anatomy.
Emma R. Brill, Freehand Drawing.
Isabel M. Kimball, Freehand Drawing.
Morrell Smith, Architectural Drawing.
Harriet M. Cox, Clara L. Fairfield, Secretaries.

PRESBYTERIAN COLLEGE OF SOUTH CAROLINA.

Clinton, S. C. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,300	127	7	4	1,500

The college was founded in 1880, by Rev. William P. Jacobi, D.D. The presidents have been: William S. Lee, A.M., 1880–1885; Rev. Robert P. Smith, A.M., 1885–1888; Joseph W. Kennedy, A.M., 1888–1890; John I. Cleland, A.M., 1890–1894; Rev. E. C. Murray, 1894 to the present time. The government of the school is vested in twenty-nine directors.

Admission is by examination. Two courses, the classical and scientific, lead to degrees of A.B., and B.S., with the degree of A.M. after one session of post-graduate study. Attendance at chapel is compulsory, but not so gymnastic drill. Negroes are excluded. The expenses for the year, lasting from September 16 to June 11, are $135. Three gold medals are offered for excellence in speaking and writing. The four college buildings, among which are gymnasium and museum, stand on grounds of more than twenty acres.

The students publish the "Palladium," and maintain the Eukosmian and Philomathean societies for men, and the Alethesophian for women. A Christian Association, Gospel Temperance Union and Athletic Association with a baseball club, and a chapter of Π K A have also been organized.

Faculty.

Rev. E. C. Murray, President, Latin and English.
A. E. Spencer, M.A., Greek, French.
L. L. Campbell, M.A., Ph.D., Mathematics and Sciences.
Rev. J. Ferdinand Jacobs, M.A., Philosophy and Religion.
Rev. W. S. Bean, M.A., D.D., German and Astronomy.
J. J. Boozer, M.D., Anatomy.

PRESBYTERIAN COLLEGE OF THE SOUTHWEST.

Del Norte, Col. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$2,128	70	8	4	1,500

The college was organized in 1883, especially for theological training and work among the Spanish settlers. It is governed by twelve trustees. Admission is upon certificate. Classical, philosophical and English courses lead to degrees of bachelor and master of arts, philosophy, and letters. The expenses for the year, lasting from September 17 to June 3, are about $100. A literary society, the Philergian and a Mission Band have been organized among the students.

Faculty.

Rev. Enos P. Baker, M.A., President, Bible and History.
Rev. John McLean, M.A., D.D., Vice-President, Greek.
Rev. L. B. Wilson, D.D., Christianity.
Rev. Francis M. Gilchrist, Theology.
Chauncey F. Bell, Latin, Literature.
Caro Ordway Baker, B.Ph., German.
J. J. Vigil, Spanish.
George C. Lindsay, Mathematics.

PRINCETON UNIVERSITY.

Princeton, N. J. *Men.* *Presbyterian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	1,090	79	31	180,500

History: The first charter was granted in 1746, and the second, making the trustees a self-perpetuating body, in 1748. The college was opened at Elizabethtown, near New York, with Rev. Jonathan Dickinson as president, and was removed to Newark, and soon afterward in 1753, to Princeton. During the next two years Nassau Hall was erected. Though this hall has twice been damaged by fires, in 1802 and 1855, it still stands. The presidents have been: Jonathan Dickinson, 1747; Aaron Burr, 1748–1757; Jonathan Edwards, 1757–1758; Samuel Davies, 1759–1761; Samuel Finley, 1761–1766; John Witherspoon, 1768–1794; Samuel Stanhope Smith, 1795–1812; Ashbel Green, 1812–1822; James Carnahan, 1823–1854; John Maclean, 1854–1868; James McCosh, 1868–1888; Francis Landey Patton, S.T.D., LL.D., 1888 to the present. The Green School of Science was added in 1873, and a department of Engineering in 1875. The sesquicentennial of the college was celebrated in 1896, when lectures were delivered by Profs. Felix Klein of Göttingen, Edward Dowden of Dublin, Joseph J. Thomson of Cambridge, Goldwin Smith and Edward B. Boulton of Oxford, Andrew Seth of Edinburgh, Henry Moissan of Paris, E. K. Brugmann of Leipsic, Johann Conrad of Halle, A. A. W. Hubrecht of Utrecht, W. Dörpfeld of Athens, and by Sir J. W. Dawson, William Peterson, and Rev. Dr. Caren of Canada. In the same year, after a material increase of the endowment, the trustees transformed the college into a university, changing its name from the College of New Jersey to Princeton University.

Organization: The university comprises an academic department, a scientific and engineering school, a graduate school and affiliated theological school. The government is vested in twenty-six trustees, with the Governor of the State as an *ex-officio* member. The seminary is under the control of a separate board of trustees.

Admission, Instruction and Degrees: Admission is by vote of the Faculty after examination. Examinations are held at Princeton, New York, Philadelphia, Washington, Buffalo, Pittsburgh, Cincinnati, Louisville, Chicago, St. Louis and Denver, and at other places if necessary. The four years' academic course, leading to the degree of A.B., embraces studies in philosophy, languages, mathematics and the sciences. Studies can be elected in the junior year, when one-third of the work only is prescribed. Masters' degrees are given after one year of resident study, while that of Ph.D. is conferred after two years. Attendance at chapel is compulsory. Students are forbidden to leave the village without permission.

Dues, Scholarships, and Prizes: The expenses for the year, lasting from September 18 to June 10, are from $325 to $500. Of this $150 is for tuition. In the scientific department tuition is $160, with additional fees for laboratory work. Four fellowships of $500 and $400 are available, with nine fellowships of from $200 to $600, besides

one hundred scholarships on the income of $1000 each, three on the income of $2,000 and $3,000, several competitive scholarships, and thirty-six prizes, the highest of which is for $500. Four funds, aggregating $50,000, have been provided for the aid of poor students. Special funds, yielding an income of $1,700, exist for ministerial students, and seven biblical prizes of $50 each, are available for theological students.

Equipment: The college grounds cover 225 acres, of which 140 are reserved for the campus. Of the thirty-two buildings the oldest are Nassau Hall and the dean's house. The first halls of the Whig and Cliosophic societies were built in 1836. Among the modern buildings is the attractive house of the president, a new gymnasium and library, an art museum, with museums of biology, geology, and archæology, and an astronomical observatory. Nine well-equipped laboratories are maintained by the various departments. The theological seminary, which was established in 1812, consists of five buildings, the oldest of which, Alexander Hall, was occupied in 1817. The Brokaw athletic field, in close vicinity to the campus, contains a tennis building and two clubhouses.

Societies and Publications: The Cliosophic and Whig societies date back to the early history of the college in the last century. They occupy new buildings, and own libraries of ten thousand books each. Prizes are given by them for declamations, speeches, and essays. The Philadelphian, a religious society, dating back to 1825, also occupies a hall of its own; while the St. Paul, a similar organization, offers a series of sermons each year. Another of the old clubs is the Ivy. In addition to these there are numerous social, dining, dramatic, and musical organizations, besides the well-known athletic teams. Chapters of the following fraternities were at one time organized, despite prohibition by the college authorities: Β Θ Π, 1843–1846; Δ Κ Ε, 1845–1857; Ζ Ψ, 1850–1884; Δ Ψ, 1851–1853; Χ Ψ, 1851–1857; Κ Α, 1852–1855; Φ Κ Σ, 1853–1876; Σ Φ, 1853–1858; Δ Φ, 1854–1879; Χ Φ (Princeton), 1854–1860; Χ Φ (Hobart), 1864–1868; Θ Δ Χ, 1863–1867; Α Δ Φ, 1864–1865; Σ Χ, 1869–1882; Α Σ Χ, 1875–1880; besides several others.

Subordinate to the Alumni Association of Nassau Hall and the National Association are twenty-two clubs throughout the country. The students publish the "Princetonian," a daily; the "Tiger," a comic fortnightly; the "Nassau Literary Monthly;" the "Nassau Herald," an annual; and the "Bric-a-Brac," a society annual.

Of 7,500 graduates, 4,500 are living. The oldest of these is William C. Wallace, 1823, of Newark, N. J.

Faculty.

Francis Landey Patton, D.D., LL.D. Prest. Philosophy of Religion.
James Ormsbee Murray, D.D., LL.D., Emeritus.
John T. Duffield, D.D., LL.D., Math.
J. Stillwell Schanck, M.D., LL.D., Chemistry.
Henry Clay Cameron, Ph.D., D.D., Greek.
Charles Woodruff Shields, D.D., LL.D., Science and Religion.
Wm. A. Packard, Ph.D., D.D., Latin.
Cyrus Fogg Brackett, M.D., LL.D., Physics.
Henry Bedinger Cornwall, E.M., Ph.D., Applied Chemistry.
G. Macloskie, LL.D., D.Sc., Biology.
Charles McMillan, C.E., Civil Eng.

Charles Augustus Young, Ph.D., LL.D., Astronomy.
S. Stanhope Orris, Ph.D., L.H.D., Greek.
Charles Greene Rockwood, Jr., Ph.D., Mathematics.
Theodore Whitefield Hunt, Ph.D., L.H.D., Rhetoric.
Wm. Milligan Sloane, Ph.D., L.H.D., History.
George Lansing Raymond, L.H.D., Æsthetics.
Samuel Ross Winans, Ph.D., Greek.
Wm. Libbey, D.Sc., Phys. Geography.
Wm. Berryman Scott, Ph.D., Geology.
Frederick Newton Willson, C.E., Descriptive Geometry.
Wm. Cowper Prime, LL.D., History of Art.
Allan Marquand, Ph.D., L.H.D., Archæology and Art.
Andrew Fleming West, Ph.D., Latin.
Alexander Thomas Ormond, Ph.D., Mental Science and Logic.
Hermann Carl Otto Huss, Ph.D., Modern Languages.
Arthur Lincoln Frothingham, Jr., Ph.D., Archæology.
Henry Burchard Fine, Ph.D., Math.
John Howell Westcott, Ph.D., Latin and Roman Law.
Woodrow Wilson, Ph.D., LL.D., Jurisprudence.
Wm. Francis Magie, Ph.D., Physics.
Ernest Cushing Richardson, Ph.D., Librarian.
Leroy Wiley McCay, D.Sc., Chem.
James Mark Baldwin, Ph.D., Experimental Psychology.
Bliss Perry, A.M., Oratory, etc.
Henry Dallas Thompson, D.Sc., Ph.D., Mathematics.
George McLean Harper, Ph.D., Romance Languages.
Winthrop More Daniels, A.M., Political Economy.
Herbert Stearns Squier Smith, C.E., Civil Engineering.
Taylor Reed, A.M., Astronomy.
John Grier Hibben, Ph.D., Logic.
Walter Butler Harris, C.E., Civil Engineering.
Edwin Seelye Lewis, Ph.D., Romance Languages.
Willard Humphreys, Ph.D., German.
George Stevenson Patton, A.M., Biblical Instruction.
Walter Mead Rankin, Ph.D., Biology.
Charles Freeman Williams McClure, A.M., Biology.
Alexander Hamilton Phillips, B.S., Mineralogy.
Charles Sidney Smith, A.M., Latin.
Fred Neher, A.M., Analytical Chem.
Rev. Chalmers Martin, A.M., Hebrew.
Jas. Purviance Atkinson, A.B., Chem.
George Augustus Hulett, A.B., Chem.
Frederic Crosby Torrey, Graphics.
Charles Howard Hinton, M.A., Math.
Frank Allan Waterman, A.B., Physics.
Howard Crosby Warren, A.M., Psychology.
Legh Wilber Reid, A.B., Math.
Harry Franklin Covington, A.M., Oratory.
John Ely Moore, M.E., E.E., Electrical Engineering.
John Houghton Coney, A.M., History.
John Milton Brooks, A.M., Math.
John Bell Hatcher, Ph.B., Geology and Vertebrate Paleontology.
Elmer Howard Loomis, Ph.D., Physics.
Edmund Yard Robbins, A.M., Greek.
William Kelly Prentice, A.M., Greek.
Williamson Updike Vreeland, A.B., Romance Languages.
William Ashenhurst Dunn, A.M., English.
Herbert Fowler Sill, B.S., Applied Chemistry.
Herbert Jefferson Fraser, Civ. Engin.
Walter A. Wyckoff, A.M., Sociology.
Howard Crosby Butler, A.M., Architecture.
Caspar Wistar Hodge, Ph.D., Philosophy.
Jesse Benedict Carter, A.B., Latin.
Ulric Dahlgren, A.B., Histology.
Albert Harris Wilson, M.S., Math.
Geo. Madison Priest, A.B., German.
Chas. Roger Watson, A.B., French.
John Preston Hoskins, Ph.D., German.
Arnold Edward Ortmann, Ph.D., Invertebrate Paleontology.
George Goldie, Director Gymnasium.
Edward Hodge Bishop, Organist.

THEOLOGICAL SEMINARY.

William Henry Green, D.D., LL.D., Oriental and Old Testament Lit.
William Miller Paxton, D.D., LL.D., Eccles., Homil., and Pas. Theology.
Benj. Breckinridge Warfield, D.D., LL.D., Didact. and Polem. Theology.

Rev. John D. Davis, Ph.D., Semitic.
George Tybout Purves, D.D., LL.D., New Testament and Exegesis.
J. DeWitt, D.D., LL.D., Ecc. Hist.
Geerhardus Vos, Ph.D., D.D., Biblical Theology.
Henry Wilson Smith, A.M., Elocution.
Rev. Joseph Heatly Dulles, A.M., Librarian.
William Brenton Greene, Jr., D.D., Relations of Philosophy and Science to Christian Religion.

PRITCHETT SCHOOL INSTITUTE.

Glasgow, Mo. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,000	79	9	3	—

The institute dates from 1866. It was chartered in 1868, and in 1869 was moved from the centre of the town to the outskirts. The presidents have been the Revs.: Carr W. Pritchett, A.M., LL.D., 1866–1873; Oren Root, Jr., A.M., D.D., 1873–1876; R. Thompson Bond, A.M., 1876–1881; Joseph H. Pritchett, 1881–1884; and Joseph S. Kendall, 1884–1891. The trustees number seven.

Admission is by examination and upon certificate. Two courses lead to degrees of A.B. and B.S., and to A.M. after one year of resident post-graduate study. The expenses for the year, lasting from September 3 to June 3, are $150. Gold medals are given for excellence in study. Among the college institutions is a reading-room and library, a museum, and a well-equipped astronomical observatory. The societies are the Π Λ Κ and Π Μ. The graduates number 115.

Faculty.

Rev. Charles C. Hemenway, Ph.D., President, Philosophy and Greek.
Rev. Carr W. Pritchett, LL.D., F.R.A.S., Astronomy.
W. Newton Holmes, A.M., Science.
H. Clay Harvey, M.S., Mathematics.
Rev. James A. Lanius, Latin.
Adelaide Smith, B.S., Modern Languages and Music.
Maud Mann, Music.
Cornelia M. Keummel, Painting.
Mary Chattle, Ph.B., Prep. Branches.

PUGET SOUND UNIVERSITY.

Tacoma, Wash. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,000	257	18	4	1,200

The university was founded in 1890 by the Puget Sound Conference of Methodists. A preparatory school was added in 1892, and in 1895 a normal and business department. The first class was graduated in 1893. The presidents have been: F. B. Cherington, 1890–1892; and C. R. Thoburn, the present incumbent. A new site of several hundred acres has been selected for future occupancy.

The sale of some of this property is expected to add $500,000 to the endowment. The trustees number twenty-one.

Admission is by certificate. Degrees of A.B., B.L., B.S., and B.P'gy. are given, as well as A.M. after one year, and Ph.D. after two years of resident graduate study. Attendance at chapel is obligatory. The expenses for the year, lasting from September 16 to June 23, are $150. The students publish "Ye Record," and maintain the following societies: Athenian, Delphian, Clionian (for women), Aedean Choral Society, two Christian Associations, a Missionary Institute and an Athletic Club. The graduates number nine.

Faculty.

Crawford R. Thoburn, Chancellor.
Joseph P. Marlatt, Ph.D., D.D., Dean.
Chas. R. Pomeroy, D.D., Philosophy.
Chas. W. Darrow, A.M., Registrar, Natural Science.
Wm. S. Arnold, A.M., Commer. Law.
Harlan J. Cozine, Singing.
Henry C. Tillman, M.S., Mathematics.
Laura K. Snyder, History, Literature.
Harriet Gilbert, Biology.
Mary F. Jennings, Art.
Myrtle Misner, French.
Stephanie Vervait, German.
Olof Bull, Violin.
Pauline Bengel, Piano.
Mrs. H. A. Richards, Sight Reading.
Mrs. Orman C. Palmer, Grammar.
Browder D. Brown, Latin.
Charles O. Boyer, Mathematics.
E. O. Darling, Shorthand.

PURDUE UNIVERSITY.

Lafayette, Ind. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$105,000	630	62	20	6,000

The university, which is the agricultural and mechanical college of Indiana, was founded by John Purdue in 1873. In this year the proceeds of the Federal Land Grant of 1862 became available for this school, netting, in all, $340,000. Previous to this, in 1869, John Purdue had given $150,000, while one hundred acres and $50,000 were contributed by citizens of Tippecanoe County. A president was elected in 1872, but instruction was not begun until 1874 after the resignation of the first president. The presidents have been: Richard Owen, LL.D., M.D., 1873–1874; Abraham C. Shortridge, 1874–1875; Emerson E. White, A.M., LL.D., 1875–1883; James H. Smart, A.M., LL.D., 1883 to the present time.

The plan of organization embraced schools of natural science, engineering, and agriculture. In 1883 the School of Industrial Art was added, while in 1884 followed the School of Pharmacy, and in 1887 those of Civil Engineering, Veterinary Science, with that of Electrical Engineering two years' later. A Government Experiment Station, with an income of $15,000 a year, has also been established.

Admission is by examination and on certificate for residents of the State. Degrees are given in agriculture, science, veterinary science, pharmacy, and with the following degrees after graduate study: M.E., C.E., A.C., and M.S. Attendance at chapel is compulsory, as

is attendance at gymnastics and military drill during the first two years. Negroes are not excluded. Tuition is free. Other expenses for the year, ending June 10, are $200. A number of scholarships are available.

Equipment: The grounds cover 180 acres. Among the twenty buildings are University Hall, containing libraries and a museum; Industrial Art Hall; Women's Dormitory; Chemical, Mechanical, and Electric Laboratories; Military Hall, and Pierce Conservatory. A university farm is also maintained.

Societies and Publications: The literary societies are the Irving, Philat, Philalethean, Emersonian, and Carlyle, besides which the students maintain a Thirteen Club, Cosmos, Glee and Mandolin clubs, two Christian Associations, Civil Engineering Society, Alumni Association, Battalion, and an Athletic Association, with football and baseball teams. The publications are the "Exponent," a fortnightly; and the "Debris," a senior annual. Chapters of the following fraternities have been organized: Σ X, 1874 K Σ, 1885; Σ N; Φ Δ Θ; Σ A E; and T B Π. The graduates number 620, of whom nearly 600 are living. The oldest is John B. Harper, 1875, of Durango, Cal.

Faculty.

James H. Smart, LL.D., President.
William F. M. Goss, A.M., Practical Mechanics.
Moses C. Stevens, A.M., Math.
Oscar J. Craig, A.M., Civics, History.
James Troop, M.S., Horticulture and Entomology.
Arthur L. Green, Ph.C., Pharmacy.
Henry A. Huston, A.M., A.C., Agricultural Chemistry.
Emma Mont McRae, English.
Joseph C. Arthur, D.Sc., Vegetable Physiology.
Alfred E. Phillips, C.E., Civ. Engin.
Stanley Coulter, A.M., Ph.D., Biology.
William H. P. Creighton, U.S.N., Mechanical Engineering.
Anna Von Holland, Modern Lang.
Ernest Knaufft, Industrial Art.
Horace E. Stockbridge, Ph.D., Agriculture.
Albert P. Carmen, D.Sc., Physics and Electricity.
Winthrop E. Stone, Ph.D., Chem.
Erastus Test, A.M., M.D., Preparatory Department.
Theries D. Hinebauch, M.S., V.S., Veterinary Science.
Emma P. Ewing, Domestic Economy.
Bertha A. Reynolds, Elocution.
Michael Golden, Wood Shop, Foundry.
William P. Turner, Machine Work.
George Spitzer, Ph.G., Pharmacy.
Otto G. Zerse, Ph.C., Materia Medica.
Anna E. Baker, B.S., Wood-carving.
Pauline Mariotte Davies, Ph.D., French.
William Kendrick Hatt, A.B., C.E., Applied Mechanics.
Joakim Reinhard, M.A., German.
Edwin M. Blake, E.M., Ph.D., Math.
Mary Doan, B.L., M.S., English Lit.
Samuel N. Taylor, Ph.D., Physics.
Frank H. Curtiss, Physical Director.
Dumont Lotz, B.S., Chem. Laboratory.
Kate Wentz, B.S., Mathematics.
Henry L. Bolley, M.S., Biology.
William J. Lutz, M.S., Physics and Military Tactics.
L. J. Stabler, Pharmacy.
Jacob M. Sholl, B.M.E., William H. Wells, B.M.E., Wood Shop.
Winthrop K. Howe, B.M.E., Shop.
L. D. Swan, Librarian.
Wm. C. Latta, M.S., Agriculturist.
Francis M. Webster, Entomology.

RACINE COLLEGE.

Racine, Wis. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	40	6	———	10,000

The college was founded in 1853. Admission is on certificate and by examination. The degree of A.B. is given. The expenses for the year, ending June 10, are $400. The graduates number nearly two hundred. The oldest is Benjamin A. Segur, B.S., 1853, of Pomfret, Conn. The president is the Rev. Arthur Piper, S.T.D.

(*Further Information Lacking.*)

RADCLIFFE COLLEGE.

Cambridge, Mass. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	358	97	1	9,000

Radcliffe College, the successor of the Society for the Collegiate Instruction of Women, offers instruction to women under the teachers of Harvard University. The first class was graduated in 1883. More than eighty instructors of the university are teachers in Radcliffe College. It is governed by a council of eleven members and twenty-two associates.

Fay House contains the recitation rooms and offices, a library and gymnasium. A field has been levelled for basket ball. The college has four laboratories, of physics, chemistry, botany, and biology. The collections of the Agassiz Museum of Comparative Zoölogy, the Peabody Museum of American Archæology, the University Museums of Geology, Botany, and Mineralogy, and the Semitic Museum, are also open to the students; and by vote of the President and Fellows of Harvard College, the students have the use of the University Library, containing 400,000 volumes. Opportunities for study in the astronomical observatory, the botanic garden and the herbarium are also afforded. The expenses of the year, corresponding to that of Harvard, are $300. Five scholarships of $200 each, equivalent to tuition, are available.

The requirements for admission are identical with those for admission to Harvard College. The courses of instruction given in Radcliffe College correspond to both undergraduate and graduate courses offered by Harvard University. Graduate students in Radcliffe College have access to a large number of graduate courses in Harvard University. The examinations are the same in both institutions, and the diplomas conferring the degrees of A.B. and A.M. are countersigned by the President of Harvard University as

a guarantee that these degrees are equivalent to the corresponding degrees given by the university. Many societies are maintained by the students. The graduates number over one hundred.

Faculty.

Mrs. Louis Agassiz, President.
Arthur Gilman, Regent.
Agnes Irwin, Dean.
Henry L. Higginson, Treasurer.
Mary Coes, Secretary.
Caroline A. Farley, Librarian.

[*For instructors see Harvard University.*]

RANDOLPH-MACON COLLEGE.

Ashland and Lynchburg, Va. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,752	378	44	14	12,500
$30,300	125	15	1	500

This college, which consists of two separate schools situated at Ashland and Lynchburg respectively, was chartered in 1830 and opened in 1832. The women's college at Lynchburg was established in 1893. The two schools are governed by two boards of trustees of forty-four members each, and have separate faculties, but are administered by one president. The conditions of admission, the courses of instruction and the degrees of A.B. and B.L. are identical in both schools. Both courses are largely elective. Attendance at chapel and gymnastic drill are compulsory. The expenses for the year, lasting from September 12 to June 11, are from $200 to $250. The campus at Ashland covers twelve acres, while that at Lynchburg contains twenty acres.

The students of the older institution publish a magazine and maintain the Washington and Franklin Societies, with an Athletic Association, with baseball and football teams. The women's literary societies bear the same names, and Christian Associations are maintained in both schools. Chapters of the following fraternities have been organized: Δ Ψ, 1853–1861; K A, 1869; Φ K Ψ, 1870–1882; Φ K Σ, 1872; B Θ Π, 1873; Σ X, 1874; Φ Δ Θ, 1874; K Σ, 1885.

The graduates number one thousand.

Faculties.

ASHLAND.

William W. Smith, A.M., LL.D., President.
John A. Kern, D.D., Vice-President, Moral Philosophy.
William A. Shepard, A.M., Ph.B., Chemistry and Geology.
Robert Emory Blackwell, A.M., English and French.
Royall Bascom Smithey, A.M., Math.
Richard M. Smith, M.A., Ph.D., Greek, Hebrew, and German.
Edwin Winfield Bowen, A.M., Ph.D., Latin.
Bishop J. C. Granbery, A.M., D.D., Homiletics and Pastoral Theology.
Arthur C. Wightman, M.A., Ph.D., Biology and Physics.
R. W. Buchanan, A.B., English, French.
H. A. Christian, French.

C. M. Kilby, Mathematics.
C. G. Evans, English and Greek.
A. G. Brown, Jr., Physical Culture.

LYNCHBURG.

F. W. Martin, M.S., Ph.D., Vice-President, Chemistry and Geology.
R. H. Sharp, Jr., M.A., Ancient Lang.
Joseph L. Armstrong, A.M., English and German.
Celestia S. Parrish, Math., Pedagogy.
Jos. H. Riddick, Jr., Physics, Biology.
Louise J. Smith, Art and French.
Mrs. W. M. Strother., A.B., Elocution.
Charles W. Landon, Music.
Louis Schehlmann, Vocal Music.
Wm. S. Adams, Instrumental Music.
Kate M. Hunt, Physical Culture.
Clara L. Hardenbergh, Instrum. Music.
May E. Smith, Music and Harmony.
Ada E. Mapp, English.
Alice Hargroves, Mathematics.

RED RIVER VALLEY UNIVERSITY.

Wahpeton, N. Dak. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
——	123	6	1	2,000

The college is situated on a tract of eighty acres. The trustees number twenty-one. Admission is by examination or on certificate. Three courses lead to degrees of A.B., B.S., and B.L. The expenses for the year, from September 18 to June 12, are $144. A literary society and two debating clubs are maintained by the students.

Faculty.

Rev. M. V. B. Knox, Ph.D., D.D., President, History and Science.
Janette Hill Knox, A.M., German, French, and English.
Sarah E. Mason, Latin and Algebra.
R. M. Black, A.B., Greek and Math.
Ottie S. Parsons, Music.
F. W. Hazleton, M.Accts., Commercial Department.
Allen W. Pringle, Tutor.

RENSSELAER INSTITUTE.

Troy, N. Y *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	206	17	6	5,000

History: The school was founded in 1824 by Stephen Van Rensselaer for the teaching of science, and secured a charter in 1826. In 1835 the first American civil engineer was here graduated. In 1849 the school was re-organized as a general polytechnic institute, and its course of study was enlarged. The presidents have been: Samuel Blatchford, D.D., 1824–1828; John Chester, D.D., 1828–1829; Eliphalet Nott, D.D., LL.D., 1829–1845; Nathan S. S. Beman, D.D., 1845–1865; Hon. John F. Winslow, 1865–1868; Thomas

C. Brinsmade, M.D., 1868; Hon. James Forsyth, LL.D., 1868–1886; John Hudson Peck, LL.D., 1888 to the present time.

Organization: The school is governed by nineteen trustees. Admission is by examination only. The degrees are B.S., and C.E. Tuition is $100 for each semi-annual session, while other expenses are estimated at $300. One prize, the income of $2,000, is offered for the best engineering thesis.

Equipment: The institute is well equipped with machine-shops and laboratories, and avails itself extensively of the local factories and machine-plants. Attendance at gymnastic drill is not required. No religious services are held. Negroes are freely admitted. The college grounds cover five acres, and contain a good gymnasium.

Societies and Publications: The students publish the "Polytechnic," a monthly; and the "Transit," an annual. The societies are the Rensselaer Engineers, the R. P. I. Union, Glee, Mandolin, and Banjo clubs, an Athletic Association, with football and baseball teams, a Christian Association, and chapters of the following fraternities: Θ Δ X, 1853; Θ Ξ, Δ Φ, 1864; Z Ψ, 1865; Δ K E, 1867; X Φ, 1878; Δ T Δ, 1879; Σ X, 1887; Θ N E and B Δ B.

Of the 1,200 graduates, more than 925 are living. The oldest is William G. Henry, 1828, of Detroit, Mich.

Faculty.

John Hudson Peck, LL.D., President, Law of Contracts.
Palmer Chamberlaine Ricketts, C.E., Rational and Technical Mechanics.
James Hall, A.M., LL.D., Geology.
Dascom Greene, C.E., Math., Astron.
Dwinel French Thompson, B.S., Descriptive Geometry.
William Pitt Mason, C.E., M.D., Analytical Chemistry.
William Galt Raymond, C.E., Geodesy, etc.
Walter LeConte Stevens, Ph.D., Physics.
H. De B. Parsons, B.S., M.E., Steam Engineering.
Chas. Winthrop Crockett, C.E., A.M., Mathematics and Astronomy.
Benedict Papot, French.
John G. Murdoch, A.M., English, etc.
Hugh Anderson, C.E., Mechanics.
John M. Clarke, M.A., Geology.
Edw. R. Cary, C.E., Botany, Geodesy.
Edward Fenemore Chillman, C.E., Descriptive Geometry and Drawing.
James McGiffert, Jr., C.E., Math.
Pemberton Smith, C.E., Lecturer on Railroad Signals.

RICHMOND COLLEGE.

Richmond, Va. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,427	215	13	9	12,378

The Modist School which was established by the Rev. Edward Baptist in Powhattan County in the early part of this century, was moved to Spring Farms and became the Baptist Seminary in 1832. Two years afterward it was moved to Richmond, and in 1840 it was duly chartered as a college. During the Civil War instruction was suspended.

The college is composed of eight academies and schools. It is governed by thirty-nine trustees. Admission is by examination, supplemented by high school certificates. Degrees of A.B., B.S., and B.LL. are conferred, with that of A.M. after post-graduate study. Attendance at chapel and at gymnastic drill is not compulsory. Negroes are excluded. The expenses for the year, lasting from September 20 to June 20, are $208. The college grounds cover twelve and one-half acres.

The students publish the "Richmond College Messenger," a monthly; and the "Bulletin," a quarterly. The societies are the Philogian, the Geographical and Historical, Mu Sigma Rho, Law, Christian and Athletic Associations with teams, and an Alumni Association. Chapters of the following fraternities have been organized: Β Θ Π, 1870; Κ Α, 1870; Φ Κ Σ, 1873; Φ Δ Θ, 1875; Α Τ Ω, 1878–1882; Σ Χ, 1880–1881; Σ Α Ε, 1884; Φ Γ Δ, 1890 and Φ Α Χ.

The graduates number some 900, of whom 450 are living. The oldest of these are P. S. Hanson, of Chicago and J. Ryland of Richmond, of the class of 1846.

Faculty.

Frederick W. Boatwright, M.A., President, Modern Languages.
S. C. Mitchell, M.A., Latin, History.
A. Mitchell Carroll, M.A., Ph.D., Greek.
R. E. Gaines, M.A., Mathematics.
Charles H. Winston, M.A., LL.D., Physics.
Joseph Rufus Hunter, M.A., Ph.D., Chemistry.
John Pollard, A.M., D.D., English.
William D. Thomas, M.A., D.D., Philosophy.
Roger Gregory, B.L., LL.D., Law.
John B. Minor, B.L., Criminal Law, etc.
Robert E. Loving, B.A., Math.
E. C. Jones, German.
Oscar L. Owens, Physical Culture.
Charles H. Ryland, D.D., Librarian.

RIDGEVILLE COLLEGE.

Ridgeville, Ind. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,500	150	7	11	2,200

The college was founded by the Rev. John Collier with other Free-will clergymen in 1868. The school was not properly equipped or endowed, its actual assets never reaching $20,000, so that in 1892, after undergoing many vicissitudes under Presidents Collier and Bates, the school with all its property, valued at $40,000, was transferred to the Congregational churches of Indiana, who appointed a new board of trustees with a new president and faculty. The trustees number twenty-one. Admission is on certificate. Two courses lead to degrees of A.B., and B.S. Instruction is also given in preparatory and normal and business branches, as well as music. The college grounds cover five acres. Expenses for the year, lasting from September 28 to June 24, are $75. Children of clergymen can obtain aid not exceeding that sum.

Faculty.

Rev. George Hindley, B.D., President, Philosophy.
Frederick L. Kendall, A.M., Librarian, Greek, Mathematics, and History.
George C. Webber, A.B., Sciences.
Wilhelmina C. Westrater, B.L., Latin and English.
William B. Starr, Commercial Department.
Stella Pearl Hindley, Music.

RIPON COLLEGE.

Ripon, Wis. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,709	237	16	6	7,000

The college was founded in 1863 to educate Methodists. T[redacted]he trustees number fifteen. Admission is on certificate. The degre[redacted]es are A.B. and A.M., the latter after three years of professional wo[redacted]rk. The expenses for the year, lasting from September 9 to June 23, a[redacted]re $120. A fund of $9,000 has been established to help women studen[redacted]ts, in addition to which there are three scholarships and nine priz[redacted]es. Ingell's Park, of ten acres, is devoted to athletics. Among t[redacted]he societies are two literary and two Christian societies, for men a[redacted]nd for women. Of the 180 graduates, 170 are living. The oldest [redacted]of these is Luthera H. Adams, 1867, of Omro, Wisconsin.

Faculty.

Rev. Rufus Cushman Flagg, D.D., President, Political Science.
Rev. Edw. Huntington Merrell, D.D., LL.D., Philosophy.
Chas. Henry Chandler, A.M., Registrar, Mathematics and Astronomy.
Chas. Dwight Marsh, A.M., Librarian, Biology.
William Stowell Leavenworth, M.Sc., Chemistry and Physics.
Edward William Clark, A.M., Latin.
Rev. John Soren Festerson, A.M., English.
Frederick May Lillebridge, Music.
Frank Morton Erickson, A.M., Gy[redacted]m-nasium Director, Greek.
Clarissa Tucker Tracy, A.M., Bi[redacted]ble and Botany.
Mary Corinthia Harwood, M.L., G[redacted]er-man and French.
Flora Edith Hockenhull, Painting.
Maud Lincoln Merrell, B.S., Latin.
Harriet Peirce Fuller, A.B., Latin.
Charlotte Sophia Lillebridge, Voi[redacted]ce Culture.
Julius Carl Johnson, Violin.
Bessie Estelle Robbins, Piano.
Sarah Etta Young, Physical Culture.

ROANOKE COLLEGE.

Salem, Va. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,000	175	12	4	20,000

The college was founded in 1853, and is situated among the Blue Ridge Mountains, eleven hundred feet above the sea. The presi-

dents have been: Rev. David F. Bittle, D.D., 1853-1876; Rev. Thomas W. Dosh, D.D., 1877-1878; Julius D. Dreher, A.M., Ph.D., 1878 to the present. The trustees number seventeen. Admission is by examination. Degrees of A.B. and M.A. are conferred, the latter after one year's post-graduate study. Attendance at chapel is compulsory. Hazing is strictly prohibited. The expenses for the year, lasting from the middle of September to the middle of June, are $150. The college buildings, which are of brick, stand on grounds of twenty acres.

The students publish the "Roanoke Collegian," and maintain the following societies: Demosthenian and Ciceronian Debating clubs, Mineralogical and Numismatic Society, Christian Association, Ministerial Union, Missionary Band, Athletic Association, with football and baseball teams, and chapters of Φ Γ Δ, 1866; Φ Δ Θ, A T Ω, 1869; Σ X, 1872; with the Φ A X and Φ Θ Ψ.

Of the 400 and more graduates, some 370 are living. The oldest of these is the Rev. B. F. Boulton, 1855, Glen Garden, N. J.

Faculty.

Julius D. Dreher, A.M., Ph.D., President.
S. Carson Wells, A.M., Ph.D., Math. and Astron., Curator of Cabinets.
Rev. Luther A. Fox, A.M., D.D., Moral Philosophy.
Rev. F. V. N. Painter, A.M., D.D., Modern Languages.
William A. Smith, A.M., Chemistry and Physics.
Rev. C. Armand Miller, A.M., Greek.
Wythe F. Morehead, A.M., Librarian, English.
Henry T. Hildreth, A.B., Ph.D., Ancient Languages.
Charles B. Cannaday, A.B., Latin.
Leonidas McReynolds, Commercial.
Eugene A. Smith, A.M., Chemistry.
Herbert M. Smith, A.B., Classics.
A. H. Throckmorton, Victor McCauley, George McLaren Brydon, Tutors.
H. J. McIntire, Physical Culture.

ROCK HILL COLLEGE.

Ellicott City, Md. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$36,000	172	21	1	7,500

The college was founded in 1857 on a site covering fifty acres. Admission is by examination. The degrees are A.B., B.S., C.E., and M.E. The degree of A.M. is given after a post-graduate course. The expenses for the year, lasting from the first Monday in September to the last Thursday in June, are $250. Gold medals are given for excellence in English and mathematics. Attendance at chapel is compulsory. Of the 165 graduates, 140 are living. The oldest of these is Thomas A Whelan, 1871, of Baltimore, Md.

Faculty.

Brother Maurice, President.
Brother Luke, Vice-Pres. and Treas.
Brother Joseph, Prefect of Discipline.
Brother Blandin, Secretary.
Brother Francis, Assistant Secretary.
Brother Julian, Librarian.

ROGER WILLIAMS UNIVERSITY.

Nashville, Tenn. *Co-Educational.* *Colored.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,048	227	11	3	4,756

In 1883 the Nashville Normal and Theological Institution was incorporated under the above name. The situation is on high ground covering thirty acres, and commanding a view of the city. The trustees number nine. Admission is upon certificate mainly. The degrees are A.B. and B.S., with the master's degree after three years. Attendance at chapel is obligatory. The expenses for the year, lasting from September 29 to May 19, are less than $100. Sixty-six State normal scholarships are offered by the State, which are shared in by this school. The societies are the Literary-Debating and the Philomathean, with Teachers', Mission, Temperance, and two Christian Associations. The alumni since 1876 number 288.

Faculty.

Rev. Owen James, D.D., Bible, etc.
Rev. A. Owen, D.D., Philosophy and Theology.
D. R. Leland, A.M., Greek, Principal Normal Department.
C. C. Phillips, A.M., Latin.
J. W. Johnson, A.M., Mathematics.
John Hope, A.B., Natural Science.
Adele Parrott, A.B., French, German.
Margaret Neel, Elocution.
Myra Handy, U. S. History.
J. W. Bell, Mathematics.
W. A. Thompson, Mathematics.
Anna Bell Pearl Brown.
Miss L. N. J. Fox, Geography.
I. H. Hampton, Penmanship.
F. C. Campbell, Printing.
A. Green, Carpentry.
Mrs. S. A. Ballentine, Instrum. Music.
William Harrison, Vocal Music.

ROLLINS COLLEGE.

Winter Park, Fla. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,495	167	18	6	3,500

The college was incorporated in 1885, and is situated among the Florida Lakes in the centre of the State. The trustees number nineteen. Admission is by examination and on certificate. The degrees are A.B., and B.S., and special diplomas are given. The expenses for the year, lasting from October 1 to June 4, are $200. The students maintain two societies: the Demosthenes for men, and the Friends in Council for women, with a Choral Club. The graduates number fifteen.

Faculty.

Charles G. Fairchild, A.M., President, Philosophy.
Rev. E. P. Hooker, D.D., Pastor.
Nathan Barrows, A.M., M.D., Math.
Rev. L. A. Austin, A.M., Latin.
J. H. Ford, A.M., Greek.

Eva J. Root, M.S., French, History.
Thomas R. Baker, Ph.D., Chemistry.
Lanie E. Curtis, Mrs. C. A. Abbott, Sub-Preparatory.
Amy F. Dalrymple, Drawing, Painting.
Kate Waldo Peck, Music.
Isabella Dieffenderfer, Elocution.
Hattie A. Peck, Ph.B., Instrumental Music.
Jessie D. Grassie, Gymnastics.
Eva S. Lamson, Librarian.
Laura M. Walker, M. Belle Abbott, May Pomroy, Music.
Rex E. Beach, Gymnasium.

ROSE POLYTECHNIC INSTITUTE.

Terre Haute, Ind. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	130	20	4	8,500

History: The institute was founded by Chauncey Rose, of Terre Haute, in 1874, but was not opened until 1883. The presidents have been: Charles Oliver Thompson, Ph.D., 1883–1885; Thomas C. Mendenhall, LL.D., 1886–1890; Henry T. Eddy, Ph.D., 1890–1895; and Carl Leo Mees, Ph.D., 1895 to the present.

Organization: The school is governed by eight managers. Admission is only by examination. Four parallel courses: the mechanical, electrical, engineering, and chemical, all identical in the freshman year, lead to the degree of B.S. The master's degree is conferred two years after graduation on one year's study, while the degrees of M.E., C.E., and E.E. are conferred after two years of professional practice after the master's degree. The expenses for the year, lasting from September 16 to June 17, are $300, of which $75 is for tuition. Attendance at chapel and drill are not obligatory, though the latter may soon be required. Negroes are not excluded.

Equipment: Among the five college buildings are an academic building, shops (with electrical plant and boiler house), chemical laboratory, and a gymnasium. The campus covers ten acres, and contains a running and wheel track, athletic field with tennis courts, baseball diamond, etc. The shops were partially destroyed by fire in 1892, but were rebuilt and in full operation within three months. The chemical laboratory was burnt to the ground in 1895, but was rebuilt and occupied in four months.

Societies and Publications: Besides many bulletins and scientific publications issued by the Faculty, the students publish the "Rose Technic," a monthly; and the "Modulus," an annual. The societies are the Rose Scientific Society, Orchestra Club, Christian Association, Athletic Association, with football and baseball teams, as well as a Tennis Club, and an Alumni Association. Chapters of the following fraternities have been organized: Φ Σ Φ, Α Τ Ω, and Σ Ν.

The graduates number 162.

Faculty.

Carl Leo Mees, Ph.D., President, Physics.
Wm. L. Ames, B.S., Machine Drawing.
James A. Wickersham, A.M., Languages.
William A. Noyes, Ph.D., Chemistry.

Malverd A. Howe, C.E., Civil Engin.
Thomas Gray, Ph.D., Engineering.
Charles S. Brown, M.E., Steam Engineering, and Shops.
Arthur S. Hathaway, B.S., Math.
Arthur Kendrick, A.M., Physics.
Edwin Place, M.M.E., Electrical Construction.
Robert L. McCormick, B.S., Math.
Harold H. Ballard, Ph.D., Chemistry.
John B. Peddle, M.S., Drawing.
Joseph D. Harper, B.S., Charles Wilbur, Civil Engineering.
Arnold Tschudy, B.A., Librarian, German.
Mrs. S. P. Burton, Registrar.
J. F. W. Harris, Machine Work.
William P. Smith, Wood Work.
Edw. Nicholas, Forging, Tempering.
H. W. Dickinson, Foundry Practice.
Benj. Grosvenor, Boiler Management.
Garrett W. Logan, Machinist.

RUTGERS COLLEGE.

New Brunswick, N. J. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
———	180	28	8	32,000

History: The college was established by royal charter in 1770 as Queen's College. It took its present name in 1825, in honor of Col. Henry Rutgers. The Protestant Reformed Church had control of the school until 1865, when it became an independent literary institution. The presidents have been: Dr. J. R. Hardenberg, Dr. J. H. Livingston, Dr. P. Milledoler, 1825–1840; Hon. A. B. Hasbrouck, 1840–1850; Hon. Theodore Frelinghuysen, 1850–1862; and Dr. W. H. Campbell, the present incumbent, who was appointed in 1863.

Organization: The trustees number thirty-eight, of whom three are *ex officio.* Admission is by examination and on certificate. Degrees of A.B., and B.S. are conferred, with that of A.M. after one year's post-graduate study, those of Ph.D., and Sc.D. after two, and that of C.E. after three years. Degrees in divinity are also conferred. Elective studies may be largely pursued after the first two years. Tuition is $75 for the year, lasting from September 18 to June 16. A scholarship of $300, with forty smaller scholarships for the State, and one for each assembly district, three prizes for $100, and twenty-eight prizes of from $25 to $100 are available.

During the last year the students decided to abandon the "Sophomore Cremation," an old college custom usually attended by various irregularities of conduct, and to substitute an annual play therefor.

Equipment: Queen's College, the original building, was erected in 1808. The Fine Arts Building, with a good collection of objects of art and a memorial collection, followed in 1841. Van Nest Hall, used for general purposes, was given six years later. An observatory was established in 1865. The Geological Hall and the Kirkpatrick Chapel and Library followed in 1871 and 1872. A museum, new gymnasium, and athletic field, covering eight acres, have been equipped in recent years. Connected with the agricultural department is a farm of one hundred acres.

The students publish the "Scarlet Letter." Among the societies are the Peithessophian and the Philoclean, a Dramatic Club, Chris

tian Association, Athletic Association, with football track and baseball teams. Chapters of the following fraternities have been organized: Φ B K, 1845; Δ Ψ, 1848–1852; Z Ψ, 1848; Δ Υ, 1858; Δ K E, 1861; X Φ, 1867; A Σ X and B Θ Π, 1871–1888; X Ψ, 1879; Σ Ξ, 1887.

Faculty.

Austin Scott, Ph.D., LL.D., President, History.
Jacob Cooper, D.D., D.C.L., LL.D., Logic and Philosophy.
Carl Meyer, D.D., Modern Languages.
Francis Cuyler Van Dyck, Ph.D., Physics.
Edward Albert Bowser, C.E., LL.D., Mathematics.
Charles Edward Hart, D.D., English.
Louis Bevier, Jr., Ph.D., Greek.
Edgar Solomon Shumway, Ph.D., Latin.
Alfred Alexander Titsworth, M.S., C.E., Graphics and Mathematics.
Julius Nelson, Ph.D., Biology.
John Bernhard Smith, Sc.D., Entomology.
Edward Burnett Voorhees, A.M., Agriculture.
William Rankin Duryee, D.D., Ethics and Evidences.
Byron David Halsted, Sc.D., Botany.
Clarence B. Lane, B.A., Agriculture.
Albert Huntington Chester, E.M., Ph.D., Sc.D., Chem., Mineralogy.
John Charles Van Dyke, L.H.D., History of Art.
Robert Woodworth Prentiss, M.S., Mathematics and Astronomy.
Eliot Robertson Payson, Ph.D., Teaching.
Edward Luther Stevenson, Ph.D., History.
Ezra F. Scattergood, B.S., Math.
Erwin Bell Davis, B.S., Mod. Lang.
Lieut. George Burwell Davis, U.S.A., Military Science.
Irving Strong Upson, A.M., Librarian.
Clarence Livingston Speyers, Ph.B., Chemistry.
Edw. Livingston Barbour, Elocution.
William Shields Myers, M.S., F.C.S., Chemistry.

RUTHERFORD COLLEGE.

Rutherford, N. C. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$4,000	159	6	1	5,000

John Rutherford, in 1853, gave six hundred acres among the South Mountains, fourteen hundred feet above the sea, and in the same year a school, consisting of a log-cabin, was built by R. L. Abernethy. In 1890 the old building was burnt to the ground.

Admission is on certificate or by examination. The degree of A.B. is conferred. The expenses for the year are $100. A college paper is published.

Faculty.

Will E. Abernethy, A.M., President, English.
L. Berge Abernethy, A.M., Mathematics, Business.
Arthur T. Abernethy, A.M., Greek and Latin.
Rev. Barth Soulier, French, Italian.
Mrs. E. P. Moore, Music.
Rev. J. W. Kennedy, A.B., Preparatory Department.
W. P. Cameron, Assistant.
Jennie Pearson Stanley, Women's Dept.

SAN JOAQUIN COLLEGE.

Woodbridge, Cal. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
——	81	6	——	1,000

The college was founded in 1877. The president is W. J. Ham, A.M., LL.B.

(*Further information lacking.*)

SANTA CLARA COLLEGE.

Santa Clara, Cal. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	236	30	7	12,000

The college was founded in 1871 by the Franciscans who had established a mission at Santa Clara in 1851. A university charter was obtained in 1853. The old Mission Church is still preserved.

Admission is by examination. Students pass through classical, scientific, and commercial courses leading to degrees of A.B., and B.S. The master's degree is conferred only after examination. Besides an entrance fee of $15 the expenses for the ten months, from August to June, are $350. Six money prizes and one hundred and sixty medals are offered for excellence in study.

Nine libraries are distributed through the various departments. The Literary League, which after the pattern of Congress, is divided into two houses, has two halls with libraries. The buildings enclose a quadrangle of ten acres. Two gymnasiums, with a swimming-pond, and play grounds of four acres, have been established. The graduates since 1859 number 250.

Faculty.

Rev. Jos. W. Riordan, President.
Rev. Robt. E. Kenna, Vice-President.
Rev. J. F. Collins, Treasurer.
Rev. J. Ricard, Moral Philosophy and French.
Rev. M. Shallo, Mental Philosophy.
Rev. A. Brunengo, Nat. Philosophy.
Rev. A. Cichi, Chemistry.
Rev. J. J. Cunningham, Librarian, Rhetoric.
Rev. V. Chiappa, Humanities.
W. Thornton, First Grammar.
J. A. Colligan, S. J., Greek.
J. De Rop, S.J., Third Grammar and Algebra.
J. P. Morrissey, S.J., Latin, Greek.
Rev. F. Francis, S.J., Analytical Geometry and German.
D. M. Burnett, S.B., Grammar, Math.
Rev. M. McKey, S.J., Rhetoric.
J. J. Donovan, First and Second Grammar and Arithmetic.
H. Guglielmetti, Arithmetic.
Rev. J. Caredda, Italian and English, and College Band.
R. Arzu, Spanish.
B. Tortore, Drawing and Painting.
J. R. Lawrie, A. W. Kaufmann, Music.
F. Schubert, Music, Orchestra.
Jas. M. O'Sullivan, Assist. Librarian.

SCIO COLLEGE.

Scio, Ohio. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$10,650	500	14	———	2,000

Scio College was founded in 1866, and has graduated, in all, some 500, of whom the oldest is the Rev. J. R. Keyes, D.D., 1866, of Barnesville, O. Admission is on certificate. The expenses for the year, ending June 22, are $100. The president is W. G. Compher, A.M., Ph.D.

(*Further information lacking.*)

SETON HALL COLLEGE.

South Orange, N. J. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$40,000	187	18	3	5,000

The college was founded and chartered in 1856. The trustees number thirteen. Admission is by examination. The degrees are A.B., B.S., and M.Acc. Attendance at chapel is compulsory. The expenses for the year, lasting from the first week in September to the third week in June, are $380. Twelve prizes are offered for excellence in study with many medals for good conduct.

The grounds cover twenty acres, and embrace an athletic field with a pond for skating and swimming. The graduates number 500.

Faculty.

Rev. Winand Michael Wigger, D.D., General Supervisor.
Rev. William F. Marshall, A.M., President.
Rev. John J. O'Connor, A.M., Metaphysics and Latin.
Rev. J. J. Synnott, D.D., Christian Evidences and English.
Rev. Henry C. Phelan, D.D., English and Latin.
Philip G. Lyons, A.M., Latin.
Charles H. Jourdan, A.M., Ph.D., Mathematics and Sciences.
O'Connor Sloane, A.M., Ph.D., Physical Sciences.
John C. Johnson, A.M., History and English.
J. Reinhard, A.M., German, Latin, and Greek.
Count A. de la Londe, French.
W. W. Winner, Penmanship.
Charles F. Schreiner, Music.

SHAW UNIVERSITY.

Raleigh, N. C. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$23,000	362	38	11	2,000

This university, which was established immediately after the Ci War, with H. M. Tupper, D.D., as president, was designed to gi advanced instruction to negroes. It has a campus of nine acr and consists of a college, industrial school, with medical, law, a theological departments. The trustees number twelve. Admissi is by examination and on certificate. The degrees are A.B., B.L B.D., and M.D. The original cost of the school was $200,000. T expenses for the year, lasting from the last week of September May 14, are $100. Attendance at chapel is compulsory.

Faculty.

Charles F. Meserve, A.M., President.
Rev. Moses W. D. Norman, A.M., Biblical Interpretation.
Nicholas F. Roberts, D.D., Math.
MacDuffie Bowen, M.D., Physiology.
Nath. C. Bruce, A.B., Latin, Greek.
Lovelace B. Capehart, LL.B., Englis
Julie T. Walling, History.
Lizzie B. Gibbs, Elocution.
Mary L. Ives, Natural Sciences.
Lovina A. Haywood, Music.
Charles W. Jewett, Secretary.

SHEPARDSON COLLEGE.

Grandville, O. *Women.* *Non-Sectarian.*

The college was originally endowed with $150,000 and is situat on a beautiful tract of land. The trustees number thirteen. Adm sion is on certificate and otherwise. The degree of A.B. is conferre A fund of $13,000 has been given, the interest of which is availab for scholarships. The cottage system of residence prevails. T students maintain two literary societies, a missionary organizati and a branch of King's Daughters. The year is from Septemb 17 to June 16.

Faculty.

Daniel Boardman Purinton, LL.D., President.
Rose Davis Whissen, M.A., Principal, History of Art.
Frances Maria Green, Matron.
Virginia Bond Thorne, Director Art.
Carrie Marie Howland, China Painting.
Harriet Maria Barker, Math., Physics.
Willis Arden Chamberlin, A.M., Modern Languages.
Martha McMillen, Latin.
Sarah Goodridge Bagnall, M.A., Hi
Mary Castle, Ph.B., Latin.
John David Seaton Riggs, Ph.D., Elocution.
Eva Virginia Johnson, Physiology.
Henry Stanislaus Sauerbrey, Physical Culture.
Otto Engwerson, Vocal Culture.
Susan Maxwell Moore, Piano, Organ.
Jennie Elizabeth Blinn, Harmony.
Frank Chapman, Violin and Guitar.

SHURTLEFF COLLEGE.

Upper Alton, Ill. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,223	201	24	6	8,000

The college was founded in 1827 at Rock Springs, and received its charter in 1835, after its removal to Upper Alton. It is the oldest college in the Mississippi Valley, and was named after Byron Shurtleff, of Boston, who gave $10,000. The presidents have been, the Rev. Joshua Bradley, A.M.; John Russell, LL.D., 1828–1831; Rev. H. Loomis, 1832–1835; Washington Leverett, LL.D., D.D., 1836–1840; Adiel Sherwood, D.D., 1841–1845; W. Leverett (second term), 1846–1849; Norman M. Wood, D.D., 1850–1855; S. Y. McMasters, LL.D., 1855–1856; Rev. Daniel Reed, 1856–1870; J. Bulkeley, D.D., 1870–1872; A. A. Kendrick, D.D., 1872–1894; and Austin K. DeBlois, Ph. D., the present incumbent.

The college is governed by thirty trustees. The school consists of the College of Liberal Arts, an Academy, and the Schools of Music and Art. Students from accredited schools are admitted on certificate. The degrees are A.B., B.Ph., B.D., with masters' degrees after one year of graduate study, and that of Ph.D., after a specified course. The expenses for the year, lasting from the second Thursday in September to the first Thursday in June, are $135. Besides a ministerial fund a number of scholarships have been provided.

The students publish the "College Review," a monthly, and maintain the Alpha Zeta and Sigma Phi Literary Societies, with two Christian Associations and Athletic teams.

Faculty.

Austen Kennedy de Blois, Ph.D., President, Philosophy.
Rev. A. A. Kendrick, D.D., Graduate Studies.
Rev. Justus Bulkeley, D.D., History.
Timothy Cloran, Jr., M.A., Greek and Modern Languages.
Walter Hensill Bradley, M.A., Latin and English Literature.
James Archy Smith, M.S., Math.
Samuel Ellis Swartz, Ph.D., Natural Sciences.
David George Ray, M.A., Hebrew.
James H. Brownlee, M.A., Elocution.
Rev. Harry H. Tilbe, M.A., Principal Academy, Latin.
Annette Griggs, Ph.B., Preceptress, English.
Lucy Leverett Greene, M.A., Science.
Howard Cyrus Tilton, B.A.
David George Ray, M.A., Commercial.
Ida May Wightman, Shorthand.
Archer Alexander Wageley, Gymnastics.
Wm. D. Armstrong, Musical Director, Piano.
Alice Stanford McMahan, Piano.
June Mead Rhoads, Piano.
T. H. Simms, Orchestral Instruments.
Edith Louise Pratt, Vocal Music.
Mary Emily Judd, Art.
Georgia T. First, Ph.B., Librarian.

SIMPSON COLLEGE.

Indianola, Ia. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	480	17	5	3,000

Simpson College was founded by the Des Moines Conference of the Methodist church. The presidents have been: Rev. Alexander Burns, D.D., 1868–1878; Rev. Thomas S. Berry, M.A., 1878–1880; Rev. Edward L. Parks, A.M., B.D., 1880–1886; Rev. William E. Hamilton, A.M., 1886–1889; Rev. Edmund M. Holmes, A.M. B.D., 1889–1892; Rev. Fletcher Brown, A.M., B.D., 1892 to the present. The trustees number twenty-seven.

Admission is by examination or on certificate of accredited schools. The degrees are A.B., B.S., and B.Ph., with the master's degree after a prescribed course. Attendance at chapel is compulsory. Negroes are not excluded. The expenses for the year, from September 10 to June 16, are $150. Three prizes, one consisting of a gold medal and two for $25 each, are offered.

The students publish the "Simpsonian," "Tangent," and "Zenith," and the "Educator" is published by the president of the college. The societies are the Zetalethean, for women, Smith-Everett, Alpian, Gradatim, Lowell Lyceum, with Ministerial and Christian Associations and a Volunteer Band. The Athletic Association embraces football, baseball and track teams with a tennis club, and chapters of the following fraternities have been organized; Δ Τ Δ, 1873; Φ Β Φ, 1874; Κ Α Θ, 1880; Κ Κ Γ, 1881; Φ Κ Ψ, 1882–1889; Α Τ Ω, 1885; Ι Σ Ω, 1888; Σ Α Ε, 1889; Δ Δ Δ, 1889.

Of the 225 graduates more than 200 are living. Louise A. Burke, 1870, of Newkirke, Oklahoma, is the oldest.

Faculty.

Rev. Fletcher Brown, A.M., B.D., President.
Rev. W. E. Hamilton, A.M., D.D., Moral and Intellectual Philosophy.
J. L. Tilton, A.M., Natural Sciences.
Joanna Baker, A.M., Greek.
L. A. Youtz, Ph.M., Sciences.
Martha E. Stahl, Ph.M., Latin.
P. W. Jenkins, A.M., Astronomy.
Lucien Waggener, Jr., A.M., German and French.
Emma Kate Corkhill, A.M., Ph.D., English and History.
H. G. Sedgwick, M.S., M.E., Engin.
Frank E. Barrows, Music.
Mamie O'Flyng, Voice and Violin.
Lucy M. Haywood, Piano, Harmony.
Bertha Stacy, Art.
E. L. Miller, B.C.S., Business School.
Estella Trueblood, Shorthand.
Lillian A. Newland, Oratory and Physical Culture.

SMITH COLLEGE.

Northampton, Mass. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$124,603	875	60	6	26,000

The college was founded in 1875 by Miss Sophia Smith, of Hatfield, Mass., who selected the site and bequeathed the first funds. The college is designed to furnish the same means and facilities for higher education as are provided by the best colleges for men. The trustees number fourteen.

Admission is by examination. The degrees are A.B., B.L., and B.S., and that of A.M. is given to graduates of two years' standing who have pursued post graduate study at the college for one year. The degree of Ph.D. is also given after stringent requirements. Attendance at chapel is customary. Tuition is $100, while the other expenses for the year from September 24 to June 16, aggregate $300. Annual scholarships of $100 and $50 are available, with two scholarships on the income of $5,000 and two on $1,000. The library has an endowment of $300,000 for the purchase of books. Besides the general library, various reference libraries are maintained by the different departments.

The students maintain numerous social organizations, with a dramatic club and an athletic association. A field has been levelled for basket ball. The graduates number more than one thousand.

Faculty.

Rev. L. Clarke Seelye, D.D., LL.D., President.
Rev. Henry M. Tyler, A.M., Greek.
John T. Stoddard, Ph.D., Chemistry and Physics.
Benjamin C. Blodgett, Mus. D., Director of Music School.
Marie F. Kapp, German.
Eleanor P. Cushing, A.M., Mathematics.
Ludella L. Peck, Elocution.
Mary A. Jordan, A.M., Rhetoric and Old English.
Harry Norman Gardiner, A.M., Philosophy.
Dwight W. Tryon, M.A., Director Art School.
Mary E. Byrd, A.B., Astronomy.
Delphine Duval, French.
J. Everett Brady, Ph.D., Latin.
M. Elizabeth Czarnomska, English Literature.
Mary R. Williams, Drawing and Painting.
Harris H. Wilder, Ph.D., Zoölogy.
Rev. Irving F. Wood, A.M., B.D., Bible and Ethics.
William F. Ganong, Ph.D., Botany.
Charles D. Hazen, Ph.D., History.
William G. Smith, A.M., Ph.D., Logic and Psychology.
John F. Crowell, Litt.D., Economics and Sociology.
Elsie B. Howe, M.D., Physiology and Anatomy.
Emily Norcross, A.M., Latin.
Grace D. Chester, B.A., Cryptogamic Botany.
Grace A. Hubbard, A.M., English Literature.
Lendo Berenson, Gymnastics.
Julia H. Covern, A.M., Greek.
Ellen P. Cook, B.S., Chemistry.
Adeline Pelissier, French.

ASSISTANTS.

Mary A. Frost, A.M., German.
Bertha J. Bartelmom, German.
Elizabeth A. Wright, Gymnastics.
Flora E. Harper, A.M., Astronomy.

Elizabeth D. Hanscom, Ph.D., Old English.
Valentine Journier, French.
Madeline Nellin, Ph.M., History.
Etta L. Miller, A.B., English Literature.
Florence Jackson, A.B., Chemistry.
Lucia E. Wood, A.B., Rhetoric.
Harriet R. Cobb, A.M., Mathematics.
Florence R. Sabin, A.B., Zoölogy.
Anna S. Jenkins, A.B., Latin.
Harriet C. Seelye, A.B., Registrar and Secretary.
Mary C. Woodruff, Assistant Registrar.
Benjamin K. Emerson, Ph.D., Geology.
Frederic R. Honey, Ph.B., Perspective.
Sara D. Kellogg, Librarian.

SOUTH CAROLINA COLLEGE.

Columbia. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	184	11	7	30,000

The college was founded in 1801 and opened its doors in 1805. In 1863 the Confederate Government converted it into a hospital. After the close of the war the college charter was amended and the school was re-opened as the University of South Carolina, in 1866. In 1878 it was divided into two branches: Columbia and Orangeburg, but ten years later the old name was again assumed and the college re-opened in 1891.

The school is governed by nine elective and eight ex-officio trustees. Admission is by examination and upon certificate. Four courses, in classics, literature, science and law are offered, leading to degrees of B.A., B.L., B.S., and B.LL. Since 1894, when the college was opened to women, instruction in normal branches has also been given. Attendance at chapel is compulsory. The expenses for the year, lasting from the last week of September to the last week of June, are $163. Six scholarships, equivalent to tuition, are available after the junior year.

The students maintain the Eupholian and Clarisophic societies, dating from 1806, two Christian Associations and an Athletic Association. Chapters of the following fraternities have been organized: Δ Ψ, 1850–1861; Δ K E, 1852–1861; Φ K Ψ, 1857; X Ψ, 1858; B Θ Π, 1858–1861; Θ Δ X, 1859–1861; K A, 1880; Σ A E, 1882; Φ Δ Θ, 1882; A T Ω, 1883; Σ N, 1884; X Φ, 1889; and K Σ.

The graduates since 1809 number 2,050. The oldest of these is Thomas M. Lyles, 1831, of South Carolina.

Faculty.

James Woodrow, Ph.D., M.D., LL.D., Biology and Geology.
Benjamin Sloan, Physics and Math.
W. B. Burney, Ph.D., Chemistry.
Rev. E. L. Patton, LL.D., Ancient Languages.
E. S. Joynes, M.A., LL.D., Modern Languages.
R. M. Davis, A.B., LL.B., History and Civics.
Joseph Daniel Pope, A.M., LL.D., Law.

Rev. J. William Flinn, D.D., Philosophy and Religion.
F. C. Woodward, A.M., Litt.D., English.
Patterson Wardlaw, A.B., Pedagogics and Classics.
F. Horton Colcock, C.E., Mathematics.
F. Horton Colcock, C.E., Secretary.
Isaac H. Means, A.B., Librarian.
Paul H. Youmans, Gymnasium.

SOUTHERN NORMAL UNIVERSITY.

Huntingdon, Tenn. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	306	20	3	3,000

The university was established but a few years ago. The trustees number seven. Admission is on certificate. The degrees are A.B., B.S., B.M., and B.D. Tuition is free for those without means. The expenses for the year, from September 3 to July 9, are $100.

Faculty.

J. A. Baber, A.M., President, Metaphysics and Mathematics.
E. C. McDougle, A.M., C.E., Vice President, Natural Science.
Mrs. Emma Dailey Baber, A.M., Greek and Literature.
E. Love Hawkins, A.B., Latin and Rhetoric.
Minnie L. Kerr, A.B., I.E., Stenography.
W. R.. Richardson, A.B., Penmanship.
Rev. G. M. Oakley, B.D., Hebrew.
Rev. J. M. Carter, D.D., Ethics.
M. G. Wittman, Music and German.
Mrs. J. M. Carter, A.M., Fine Arts.
A. J. G. Wells, B.S., Common Branches.
B. A. Tucker, B.S., Principal.
Eva Townes, M.A., Intermediate.
Maggie Brown, Primary.
Hon. H. C. Townes, LL.D., Dean of Law.
Judge L. L. Hawkins, Evidence.
Hon. J. P. Wilson, Pleading and Practice.
Chancellor A. G. Hawkins, Law and Equity.
Hon. G. T. McCall, Corporations.
Hon. J. R. Bond, Common Law.
Lillie Blythe, Librarian.

SOUTHERN UNIVERSITY.

Greensboro, Ala. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	158	8	1	1,500

The university was founded in 1856, by the Alabama Conference of Methodists. In the same village are two colleges for women. The trustees number eighteen. Admission is on certificate. The degrees are A.B., B.S., and B.Ph., with that of A.M. after graduate study.

The expenses for the year, from September 23 to June 16, are $150. Three prizes for elocution are annually awarded. Free tuition is given to two students from each Presiding Elder's district. The students publish the "Monthly" and maintain the Cliosophic Literary and two Christian Associations.

Faculty.

J. O. Keener, A.M., D.D., Mental and Moral Philosophy.
F. M. Peterson, A.M., B.D., Ancient Languages.
J. L. Brown, B.S., Chemistry.
D. P. Cristenberry, A.M., History and English, Librarian.
L. P. Giddens, A.B., Mathematics.
L. V. Massey, A.B., Modern Languages.
O. C. Hand, A.M., Sub-Freshman Department.
H. L. Holman, A.M., Laboratory.
W. C. Hamilton, Asst. Librarian.

SOUTH KENTUCKY COLLEGE.

Hopkinsville, Ky. *Co-Educational.* *Disciples.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	184	12	2	1,000

The college was opened in 1849. Instruction was suspended in 1862, when it was occupied by troops. In 1884 the main building was destroyed by fire but was shortly afterward rebuilt. It is situated in a place which has three other institutions for higher learning. The grounds cover twelve acres. The government is vested in ten trustees with a board of eleven councillors.

Admission is on certificate and by examination. The degrees are A.B., B.L., B.S., and A.M. after one year of post-graduate study. The expenses for the year, lasting from September 8 to June 9, are $125. Five scholarships are available. The societies are the Amphytrion, for women, the Philomathean and Euphemian for men, with Christian Associations. All students, whether men or women, are required to wear uniforms, and to attend religious services. The graduates number 130.

Faculty.

J. W. Hardy, President.
A. C. Kuykendall, A.M., Mathematics.
J. P. B. Allan, A.B., Latin and Greek.
J. W. Hardy, Sacred History.
R. T. Steinhagen, French and Ger.
George W. Pooler, Music.
Annie Crabb, Piano.
Mrs. G. W. Pooler, Voice Culture.
Arthur R. Ward, Violin.
Ellen Dabney, Art.
Mrs. Edward Callis, Preparatory.
J. P. B. Allan, Commandant.

SOUTHWESTERN BAPTIST UNIVERSITY.

Jackson, Tenn. *Co-Educational.* *Baptist.*

Income.	Students,	Instructors,	Buildings,	Books,
	266	10	3	1,500

In 1845 the Baptists of Tennessee established the University of Murfreesboro with Dr. Joseph H. Eaton, president. During the Civil War the University was abandoned, and again in 1873 during the cholera. In 1875 a new charter was obtained and Jackson was chosen as the place for the new college. In 1890 a fund of $30,000 was raised, and the land and building of the former Tennessee College secured. In 1891 another fund of $50,000 was given and dormitories were established.

The school is governed by thirty-five trustees. Admission is on certificate or by examination. The degrees are A.B., B.S. and A.M., the last after one year of postgraduate study. The expenses for the year, lasting from the first week in September to the first week in June, are $125. The societies are the Apoleonian, Calliopean and J. R. Graves, all owning libraries, with an Athletic and two Christian Associations. An annual field day is held by the members of the various athletic teams. The graduates number 257.

Faculty.

Geo. M. Savage, A.M., LL.D., Prest.
Henry Clay Irby, A.M., Mathematics.
Thomas Jefferson Deupree, A.M., Natural Science.
Geo. M. Savage, A.M., LL.D., Philos.
William Edmund Farrar, B.A., Latin and Greek.
Robert A. Kimbrough, M.A., Latin and Greek.
Charles Bell Burke, A.B., English.
J. B. White, Academy.
H. C. Jameson, Commercial Dept.
William Riley Phillips, Stenography.
William Edmund Farrar B.A., Physical Culture.
Jere. L. Crook, M.A., M.D., Physiology.
J. T. Warford M.D., Anatomy.

SOUTHWESTERN PRESBYTERIAN UNIVERSITY.

Clarksville, Tenn. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,000	150	11	4	8,000

The university was founded before the Civil War by William M. Stewart of Pennsylvania and Tennessee.

The institution was suspended from February 1862 until September 1869, when the buildings were seized and held for three years as barracks and hospital by troops of the Federal army. While thus occupied all their contents, libraries, apparatus, furniture, floors,

windows, doors, etc., were utterly destroyed, and the president himself, while humanely visiting the sick soldiers, contracted small-pox and died.

In 1875 Stewart College was turned into the Southwestern Presbyterian University. In 1884 a fully equipped Theological Department was added. The presidents have been William M. Stewart, Rev. R. B. McMullen, D.D., Rev. J. B. Shearer, D.D. Chancellors, after the enlargement into the University, Rev. John N. Waddel, D.D., Rev. C. C. Hersman, D.D., 1888–1891; Rev. James M. Rawlings, D.D., 1891–1892; and the Rev. George Summey, D.D., 1892.

The university is governed by ten directors and five alternates. Candidates are admitted without examination, their standing being determined by the proficiency shown by them after entrance. Degrees are conferred in arts, science and divinity, with the master's degree after graduate study. Attendance at chapel is compulsory, but not so military or gymnastic drill. Negroes are excluded. The expenses for the year, from September 9 to June 10, are $170. Ten prize medals are annually distributed and ten perpetual scholarships on a fund of $10,000 are available. The four college buildings stand on grounds of twenty-five acres on the bluffs of the Cumberland.

The students issue the "S. W. P. U. Journal," a monthly, and maintain the Palmer Homiletic Society, Washington Irving Literary Society, Stewart Literary Society, Foreign Missionary Society, Athletic Association, Lawn Tennis Association; and chapters of the following fraternities have been organized: Rainbow 1873–1874; Π Κ Α, 1878; Κ Σ, Α Τ Ω, Σ Α Ε, 1882; and Κ Α, 1887.

Faculty.

George Summey, D.D., Chancellor, Biblical History.
Robert Price, D.D., History.
Edwin Blackwell Massie, A.M., Math.
George Frederick Nicolassen, A.M., Ph.D., Greek and German.
James Adair Lyon, A.M., Ph.D., Natural Sciences.
Thomas Oakley Deaderick, A.M., Latin and French.
William Addison Alexander, A.M. Biblical Languages.
Robert Alexander Webb, D.D., Systematic Theology.
Thornton Wheling, D.D., Philosophy.
Eugene Rufus Long, A.M., Ph.D., English.
Austin Heaton Merrill, A.M., Oratory.
D. N. Kennedy, Secretary.
Dr. Price, Librarian.

SOUTHWESTERN UNIVERSITY.

Georgetown, Tex. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$24,000	482	19	2	1,500

History: The University is the outgrowth of no less than twelve schools, organized prior to 1869, on which a total of $300,000 had been expended. Among the most prominent of these were Ruterville College, chartered by the Congress of Texas in 1840; McKenzie, begun in 1841; Wesleyan, chartered in 1844; and Soule, chartered in

1856. In 1869 the Methodist Conference of the South determined to consolidate the schools to form one of the best grade. A site was procured in 1873 and a new charter in 1875, when the name of Texas University was changed to "Southwestern." In the first year thirty-three students attended. In 1878, two years after the first graduates had been sent forth, women were admitted, though in separate classes. The regents have been F. A. Mood, D.D., 1873–1884; J. W. Heidt, D.D., 1885–89 and John H. Mclean, A.M., D.D., the present incumbent.

Organization, Instruction, Degrees: The University is governed by eleven trustees and twenty-nine curators. Admission is by examination and upon certificate. The course of instruction is divided into schools, leading to degrees of A.B., B.S., B.Ph., and A.M. Attendance at chapel is compulsory. Students are forbidden to carry deadly weapons or to leave the town without permission. The expenses for the year, lasting from September 11 to June 3, are from $150 to $200, of which $40 is for tuition. The sons of clergymen are admitted free, and tuition is refunded in cases of protracted illness. Many gold medals and prizes are annually distributed, and a loan fund to help deserving students has been recently established.

The students publish the "University Monthly" and "An-X," and maintain five literary societies with halls and libraries known as the Alamo, San Jacinto, Alethean, Grady, and Clio; two Christian Associations, a lecture course, and an Athletic Association. Chapters of the following fraternities have been organized: Rainbow, 1882–1886; K A, 1883; K Σ, 1886; Φ Δ Θ, 1886; Σ A E, 1887–1888; and Φ K N, 1890. The graduates number 275, of whom 260 are living. The oldest of these is the Rev. James Campbell, 1876, of Waco, Texas.

Faculty.

Jonathan H. McLean, A.M., D.D., Regent.
C. C. Cody, A.M., Ph.D., Math.
R. F. Young, A.M., Modern Languages.
R. S. Hyer, A.M., Natural Science, Librarian.
C. C. Cody, Secretary.
J. R. Allen, A.B., D.D., Philosophy.
H. A. Shands, A.M., Ph.D., English.
W. C. Vaden, A.M., Greek and Latin.
M. L. Mowrey, Commercial College.
S. H. Moore, A. B., Fitting School.
G. C. White, A.B., A. S. Pegues, A.B., Assistants in Fitting School.

SOUTHWEST KANSAS COLLEGE.

Winfield, Kan. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	248	16	1	3,000

The college was founded by the Southwest Kansas Conference of Methodists in 1886. The presidents have been John E. Earp, 1886–1890; Milton E. Phillips, 1890–1894; William N. Rice, and Granville Lowther, 1894–1895; with C. A. Place, the present in-

cumbent, who was elected in 1895. In 1896, the dormitory building was burned to the ground. The trustees number thirteen. Admission is upon certificate. The degrees are B.A., B.S., and B.Ph., with that of A.M. after one year's graduate study. Attendance at chapel, though not compulsory, is expected of all. The expenses for the year lasting from September 24 to June 16, are $110. The college grounds cover twenty acres. The students publish the "South-western Collegian," and maintain the Athenian literary society for men, and the Cadmus, and Belles Lettres for women.

Faculty.

Chester Allen Place, A.M., B.D., President, Philosophy.
Granville Lowther, B.D., Moral Philosophy.
George Fox Cook, Ph.D., Mathematics.
Robert Baldwin Dunlevy, B.L., Science.
Norman William Jones, Ph.B., English.
George Ross Kirkpatrick, A.B., History and Social Sciences.
Murrey Kerr Martin, A.B., Latin.
George Miller Ryder, A.B., B.D. Greek.
Edith May Andrus, Art Department.
Abbie Freeman, B.L., Vocal Music.
G. H. Hale, B.Mus., Piano.
C. E. Lowe, M. Accts., Business School.
Clara Dunning Sargent, Elocution and Oratory.
James A. Whitted, B. Ped., Ph.B., Science and Mathematics.
Eleanor Hayes, A.B., English.
Howard A. Searcy, Stenography.

STATE UNIVERSITY.

Louisville, Ky. *Co-Educational.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	201	10	1	1,000

The School was founded in 1879 to give normal, theological, collegiate, business and industrial instruction to negroes. Admission is by examination. Degrees of A.B. and B.L. are conferred. The expenses for the year, lasting from September 1 to May 28, are $75.

The societies are the European, and Athenaeum, with a Battalion, Christian, and Athletic Associations.

Faculty.

Chas. L. Purce, D.D., Prest., Theology.
R. S. Wilkinson, A. M., Languages and Political Science.
W. H. Hoffman, A.B., Mathematics.
A. G. Gilbert, A.M., M.D., English.
L. M. Seeley, History, etc.
L. V. Jones, English.
L. A. Carter, English.
Mrs. M. E. Steward, Music.
Mrs. F. R. Givens, Art.

STATE UNIVERSITY OF IOWA.

Iowa City, Iowa. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$131,384	1,307	101	———	40,000

History: The State of Iowa in 1840, and again in 1857, accepted the congressional land grant of 1852, and the first General Assembly located the university and provided for a board of trustees. In 1860 the university was formally opened. The presidents have been: Dr. Amos Dean, 1855–1858; Silas Totten, D.D., L.L.D., 1860–1862; Dr. Oliver M. Spencer, 1862–1867; N. R. Leonard, 1867–1868; James Black, D.D., 1868–1870; George Thacher, D.D., 1871–1877; Hon. C. W. Slagle, 1877–1878; Josiah L. Pickard, 1878–1887; Charles A. Schaefer, 1887 to the present.

Organization, Instruction, and Degrees: The school is governed by thirteen regents. The university comprises a collegiate department, with schools in law, medicine, dentistry, and pharmacy. Admission is by examination, and on certificate from a hundred schools, provided all deficiencies are made up during the first year. Four general courses in philosophy, in the classics, and in the sciences, with courses in Engineering, lead to degrees of A.B., B.Ph., B.S., B.Pe., and B.S. in Engineering, together with professional degrees granted by the respective schools. The master's degree is conferred only after one year of resident graduate study. Attendance at military drill is compulsory for all male students.

Dues and Prizes: Tuition is free. The expenses for the year, lasting from September 16 to June 10, are $150. Two prizes of $35 each are given for the best essays, one of $25 for athletics, and one for speaking.

Equipment: The General Assembly in 1896 provided for an annual tax, which will realize $275,000 for the university. These funds are to be devoted to the erection of new buildings. The athletic grounds now cover ten acres. The museums are well equipped, as is the astronomical observatory.

Societies and Publications: Annual bulletins are issued by the Natural History Department. The students publish the "Quill," a weekly; the "Vidette Reporter," a tri-weekly; the "Hawk-eye," a junior annual, and the "Transit," an annual. The societies are: The Tabard, Polygon, Ivy Lane, Baconian, Irving, Zetogathean, Philomathean, Hesperian, Erodelphian, Christian Associations and Athletic Association with athletic teams, besides numerous societies in the Engineering, Law, Chemical, and Medical Schools. Chapters of the following fraternities have been organized: Β Θ Π, 1866; Φ Κ Ψ, 1867–1885; Φ Γ Δ, 1873; Δ Τ Δ, 1880; Φ Δ Θ, 1882; Χ Χ, 1882–1889; Κ Κ Γ, 1882; Π Β Φ, 1882; and Δ Γ, 1887.

The graduates number nearly 4,500. The oldest is Dexter E. Smith, B.S., 1858, of Santa Ana, Cal.

Faculty.

Charles Ashmead Schaeffer, A.M., Ph.D., LL.D., President.
Amos Noyes Currier, A.M., LL.D., Latin Language.
Philo Judson Farnsworth, A.M., M.D., Materia Medica.
John Clinton Shrader, A.M., M.D., LL.D., Obstetrics.
William Drummond Middleton, A.M., M.D., Surgery.
Samuel Calvin, A.M., Ph.D., Geology.
Wilmot Horton Dickinson, M.D., Theory and Practice.
Emlin McClain, A.M., LL.D., Law.
Alfred Onias Hunt, D.D.S., Dentistry.
Thomas Huston Macbride, A.M., Botany.
James Grant Gilchrist, A.M., M.D., Surgery.
Emil Louis Boerner, Ph.G., Pharmacy.
Launcelot Andrews, A.M., Ph.D., Chemistry.
Charles Herbert Cogswell, M.D., Obstetrics.
George Thomas White Patrick, A.M., Ph.D., Philosophy.
Charles Bundy Wilson, A.M., Ger.
Lawrence William Littig, A.M., M.D., M.R.C.S., Theory and Practice of Medicine.
Andrew Anderson Veblen, A.M., Physics.
Laenas Gifford Weld, A.M., Mathematics.
Charles Cleveland Nutting, A.M., Zoölogy.
James Renwick Guthrie, A.M., M.D., Physiology.
Isaac Althaus Loos, A.M., Political Science.
Samuel Hayes, M.S., LL.B., Law.
Joseph Jasper McConnell, A.M., Pedagogy.
Elbert William Rockwood, A.M., M.D., Chemistry.
Woods Hutchinson, A.M., M.D., Anatomy.
Charles S. Chase, A.M., M.D., Therapeutics.
George Royal, M.D., Therapeutics.
James William Dalbey, B.S., M.D., Ophthalmology.
Frank John Newberry, M.D., Otology and Pædology.
Walter L. Bierring, M.D., Histology and Bacteriology.
Charles Berard Vogdes, U.S. Infantry, Military Science.
James A. Rohbach, A.M., LL.B., Law.
John J. Ney, LL.B., Law.
William Craig Wilcox, A.M., History.
Frank Thomas Breene, M.M., D.D.S., Clinical Dentistry.
William S. Hosford, A.B., D.D.S., Dental Prosthesis.
Frederick C. L. Van Steenderen, A.M., French.
Alfred Vorley Sims, C.E., Civil Engineering.
George Armstrong Manchope, M.A., Ph.D., English.
Edward P. Leeds, LL.B., Law.
Leona Angeline Call, A.M., Greek.
Charles Scott Magowan, A.M., C.E., Civil Engineering.
Albert Levi Arner, B.L., Physics.
Joseph W. Rich, Librarian.
Bohumil Shimek, C.E., Botany.
Gilbert L. Houser, M.S., Physiology.
Henry F. Wickham, M.S., Zoölogy.
J. Allen Gilbert, A.M., Ph.D., Psychology.
Martin Joseph Wade, LL.B., Evid.
La Vega G. Kinne, LL.D., Taxation, etc.
Gershon Hyde Hill, A.B., M.D., Insanity.
Gifford Simeon Robinson, LL.B., Appellate Practice.
W. H. De Ford, A.M., M.D., D.D.S., Pathology.
Horace Emerson Deemer, LL.B., Guaranty and Suretyship.
A. M. Harlan, A.M., M.D., D.D.S., Therapeutics.
Thomas L. James, D.D.S., Dental Histology.

INSTRUCTORS AND ASSISTANTS.

Mrs. Pauline K. Partridge, Elocution.
Albert E. Egge, A.M., Ph.D., Eng.
Frederic Bernard Sturm, A.B., German.
Percy H. Walker, A.B., Chemistry.
Arthur G. Smith, B.Ph., Mathematics.
Charles Beardsley, Jr., A.B., Economics.
Benjamin F. Shambaugh, A.M., Ph.D., Political Science.

Franklin Hazen Potter, A.M., Latin.
George Cram Cook, A.M., English.
George N. Bauer, B.S., Mathematics.
William Tell Noss, Ph.D., Math.
D. W. Dickinson, M.D., Theory and Practice of Medicine.
John Walter Harriman, M.D., Anatomy.
W. E. Barlow, A. B., Chemistry.
Mrs. Bertha G. Ridgway, Librarian.
Theodore L. Hazard, M.D., Obstetrics and Gynecology.
William R. Whiteis, B.S., M.D., Pathological Histology.
Harry Grant Plum, B.Ph., History.
Lee Wallace Dean, B.S., M.D., Norm. Histology.
Royal Winthrop Baldwin, D.D.S., Dental Technology.
Frank Russell, M.S., Natural History Museum.
Charles L. Smith, A.B., Botanical Museum.
Charles Henry Bowman, B.Ph., Physics.
Herbert C. Dorcas, B.Ph., Pedagogy.
W. J. Teeters, B.S., Chemistry.
Edward S. Newton, A. B., Chemistry.
A. E. Rogers, D.D.S., Dental Technology.
Joseph H. Ridgway, Taxidermist.
Adele Pauline Kimball, M.D., Matron in Hospital.
Lulu B. Jester, Ph.G., Pharmacy.
Georgia Knapp, Ph. G., Pharmacy.
Jonathan G. Morner, LL.B., Law Librarian.
H. C. Smith, M.D., Anatomy.
C. H. Wright, M.D., Librarian Med. Dept.
W. L. Heorst, B.Ph., Anatomy.
J. G. McAlvin, Anatomy.
Ralph W. Homan, M.D., Ophthalmol.
Fred J. Becker, M.D., Surgery.
William O. Sherman, M.D., Surgeon.
A. E. Rogers, D.D.S., Dental Technology.
W. G. Clark, D.D.S., Dental Tech.
Frank B. James, Dental Tech.
Henry Erdman Radasch, B.S., Chem. Laboratory.
Samuel Crozier Irving, A.M., Eng.

STEVENS INSTITUTE OF TECHNOLOGY.

Hoboken, N. J. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$34,500	264	21	3	8,800

The institute was founded in 1871, after Edward A. Stevens in 1867 had given a block of land with $150,000 for buildings, and an endowment fund of $450,000. Since 1881 more than $50,000 has been added. The school is governed by eleven trustees.

Admission is by examination only. The courses of study are such as to fit the students for mechanical engineering. The time devoted to shop work by each student must aggregate 481 hours. The degree is M.E. Tuition for the year, lasting from September 27 to June 21, is $150, in addition to which students from other States must pay $75. Nine scholarships, equivalent to tuition, are available and a trust fund of $11,000, the income of which is devoted to aid poor students, has been established. Inspection tours to various manufacturing centres of the East are annually undertaken.

Among the numerous societies, is an Engineers' Club, Christian Association, Alumni Association, and Athletic Association, with football, baseball, lacrosse and track teams. Chapters of the following fraternities have been organized: Θ Ξ, 1874; Δ Γ Δ, Α Σ Χ, and Β Θ Π, 1875; Α Τ Ω, 1881; Σ Χ, 1883; Χ Ψ, 1883; and Χ Φ, 1883.

The students publish the "Eccentric," "Bolt," and "Link," and other publications.

The graduates number more than 600, of whom 560 are living. The oldest of these is J. A. Henderson, 1873, of Lamont, Pa.

Faculty.

Henry Morton, Ph.D., President.
Alfred M. Mayer, Ph.D., Physics.
De Volson Wood, A.M., C.E., Mechanical Engineering.
J. Burkitt Webb, C.E., Mathematics and Mechanics.
Charles W. MacCord, A.M., Sc.D., Mechanical Drawing.
Albert R. Leeds, Ph.D., Chemistry.
Charles F. Krœh, A.M., Languages.
Rev. Edw. Wall, A.M., Belles-Lettres.
Coleman Sellers, E.D., Engineering Practice.
Jas. E. Denton, M.E., Experimental Mechanics.
William E. Geyer, Ph.D., Applied Electricity.
Thos. B. Stillman, Ph.D., Analytical Chemistry.
Adam Riesenberger, M.E., Mechanical Drawing.
William H. Bristol, M.E., Math.
D. S. Jacobus, M.E., Experimental Mechanics.
Samuel D. Graydon, M.E., Mechanical Drawing.
Robert M. Anderson, M.E., Applied Mathematics.
George L. Manning, M.E., Physics and Chemistry.
Harry D. King, M.E., Mechanical Drawing.
Horace S. Verley, Applied Electricity.
Matthew Lackland, Work Shops.

ST. BENEDICT'S COLLEGE.

Atchinson, Kan. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	162	26	1	12,300

The college was founded in 1858, on grounds of thirty acres. It is managed by Benedictine Friars, who also constitute the Faculty. Besides its collegiate and academical departments it has a department for ecclesiastical training. Admission is on certificate and by examination. The degrees are B.A., and A.M., the latter after two years of post-graduate study. The expenses for the year, lasting from the first Monday of September to the last Wednesday in June, are $200. Medals, premiums and honors are distributed for excellence in study in all the departments.

A gymnasium and play grounds have been recently equipped. There is a museum rich in specimens of natural history and an unusually complete herbarium. The students maintain a Philomathic and Library Association, Shakespeare Club, Choir, Band and other musical associations as well as an Athletic Association; and publish the "Student."

Faculty.

Rt. Rev. Innocent Wolf, President.
Gerard Heinz, Classical.
Andrew Green, Logic and Music.
Peter Kassens, Commercial.
Dennis Murphy, Preparatory.
Louis Flick, Mathematics.
Leo Aaron, Secretary, Chemistry.
Edwin Kassens, Preparatory.

Marian Beyerl, Hebrew.
Stanislaus Altmann, Men. Philosophy.
Aloysius Bradley, Oratory and Lit.
Philip Williams, Elocution.
Raphael Weiffenbach, German.
Odilo Otott, Latin.
Adalbert Blahnik, Mathematics.
Benno Feser, German.
Mathias Stein, Minim Preparatory.
Francis McDonald, Rhetoric.
Anthony Baar, German.
Hilary Rosenfeld, German.
Celestine Sullivan, History.
Benedict Kappler, Piano.
Lawrence Theis, Instrumental Music.
Robert Nolan, Fourth Classical.
Fabian Stindel, History.
Ignatius Stein, Elocution.
Martin Veth, Second Latin.
George Keim, German and Piano.

ST. CHARLES' COLLEGE.

Ellicott City, Md. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	230	18	——	15,000

The college was founded in 1830 by Charles Carroll, who stipulated that its principal object would be to train students for the priesthood. Besides conveying to it 250 acres of land, he gave $5,000. The corner-stone was laid in 1831, but the school did not become a college until 1848, when the buildings were completed and the first president, Rev. O. L. Jenkins, assumed charge. Since that time the presidents have been, S. Ferte, D.D., Rev. P. P. Denis, and the Rev. F. L. M. Durant, D.D. In all more than 700 graduates have been ordained.

The college, which is under the control of five trustees, is connected with St. Mary's University of Baltimore. Admission is by examination. Attendance at chapel is compulsory, but not so gymnastic drill. Though negroes are not formally excluded, they are nevertheless not admitted to the college. The degrees are B.A., A.M., and B.D. The expenses for the year, lasting from the middle of September to June 25, are $200. More than fifty premiums are annually distributed. The students maintain several societies, but no publications are issued by them. The graduates number more than 1,000, of whom more than 800 are living.

Faculty.

Rev. C. B. Rex, S.S., D.D., D.C.L., President.
Rev. P. P. Denis, S.S., A.M., Prest. Emeritus.
Rev. A. J. B. Vuibert, S.S., A.M., Prefect of Studies.
Rev. A. P. Bernard, S.S., A.B., Prefect of Juniors.
Rev. H. M. Chapuis, S.S., A.M., Rev. G. E. Viger, S.S., A.M., Rev. S. Guilbaud, S.S., A.M., Rev. A. S. Fonteneau, S.S., A.M., Rev. C. B. Schrantz, S.S., A.M., Rev. P. F. Roux, S.S., A.M., Pev. C. J. Judge, S.S., A.M., Rev. J. M. Haug, S.S., S.T.B., Rev. J. V. Tabb, A.M., Rev. F. X. McKenny, S.S., A.M., Rev. C. D. Hogue, S.S., A.M., Rev. A. M. Peltier, S.S., A.B., D.C.L., Rev. D. P. Duffy, S.S., A.M., S.T.L., M. W. Kellogg, A.M., Instructors.

ST. FRANCIS COLLEGE.

Brooklyn, N. Y. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	203	22	2	2,500

The school, which was opened in 1859, was chartered as a college in 1868. The trustees number twelve. Admission is by examination. The degrees are A.B., B.S., A.M., and M.S., with diplomas for commercial students. The students are forbidden to leave the college premises without permission, are forbidden to smoke or to introduce irreligious books, and must be ready to submit their correspondence and the contents of their trunks and bags to the inspection of the president. Attendance at chapel is compulsory. The expenses for the year are $250. Eighteen medals, two of which are gold, are annually awarded for elocution and proficiency in study. The societies are the Alumni, Jerome Club, Literary Union, Debating Society, Athletic Club, Glee Club and Choir with numerous religious organizations. The graduates number 250.

Faculty.

Brother Jerome, O.S.F., President, Prefect.
Brother Paul, O.S.F., Vice-President, Physics.
Brother Stanislaus, O.S.F., Second Preparatory.
Brother Ivo, O.S.F., Ph.D., Logic.
Brother John, O.S.F., Drawing and Painting.
Brother Joseph, O.S.F., Assist. Prefect.
Brother Camillus, O.S.F., Treasurer.
Daniel D. Donelan, Ph.D., Chem.
Brother Damian, O.S.F., Civil Government.
Brother Linus, O.S.F., Third Commercial.
Brother Luke, English and Physics.
Brother Lawrence, O.S.F., Fourth Commercial.
James W. Donelan, Latin and Greek.
Brother Anthony, O.S.F., First Primary.
Brother Jarlath, O.S.F., Drawing.
Brother Aquinas, O.S.F., Third Primary.
Brother Matthew, O.S.F., Fourth Primary.
Lorenzo Renz, Vocal Music.
Thos. J. Flynn, A.M., Instrum. Music.
Francis Muller, German.
P. S. M. Munro, Elocution.
William J. Callan, M.D., A.M., Oratory and Physiology.
Sergt. James Carroll, Military Tactics.

ST. FRANCIS SOLANUS COLLEGE.

Quincy, Ill. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	181	13	3	3,000

The college embraces three departments: the classical, commercial, and preparatory. Admission is on certificate. The degrees are A.B. and M.Acc. The expenses for ten months are $340. The stu-

dents maintain four sodalities, and the St. Francis and Literary Debating Societies. St. Mary's Institute for Women is conducted by the same administration.

Faculty.

Rev. P. Nicholas Leonard, O.S.F., Rector.
Rev. P. Peter Wallischeck, O.S.F., Vice-Rector.
Rev. P. Samuel Macke, O.S.F., Rev. P. Raphael Fuhr, O.S.F., Rev. P. Godfrey Hoelters, O.S.F., Rev. P. Stephen Scholz, O.S.F., Rev. P. Fortunatus Hausser, O.S.F., Rev. P. Alphonse Bergener, O.S.F., Rev. P. Theophilus Richardt, O.S.F., William Timpe, A.M., John Schuman, Mathias Hecker, Michael Kelleher, Professors.

ST. FRANCIS XAVIER COLLEGE.

New York City. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$28,000	900	30	1	25,000

The college began in 1683 as a Jesuit Latin School, near Bowling Green. In 1809, its successor, the Literary Institute, was established near the present Catholic cathedral on Fifth Avenue. The school became a college in 1847, and was chartered as such in 1861.

The institution is governed by eleven trustees. Admission is by examination only. The college course, leading to the degree of A.B., comprises philosophy, rhetoric, literature, and the classics, the latter being studied as an aid to English. Many post-graduate courses are offered. Attendance at chapel is compulsory. The expenses for the year, lasting from the first week in September to the last week of June, are from $75 to $100, exclusive of board. Twenty-four scholarships, on the income of $1,500 each, are available. Besides eight gold medals and an alumni prize of $50 for excellence in study, numerous prizes and medals are offered.

The main building, which adjoins the Church of St. Francis Xavier, the best example of the Rococo style in New York, is on West Eleventh Street, near Sixth Avenue. The school has a well-equipped museum, and a herbarium containing some 25,000 specimens, which are in the main duplicates of those contained in the Smithsonian Institute of Washington. The students maintain a Dramatic Club, whose performances of classical plays are famous throughout New York, an Ethical Society, Alumni Sodality, Debating Club, Junior Debating Society, and Military Organization, together with musical, religious, and other clubs.

Of the 670 graduates, some 550 are living. The oldest of these is the Rev. Thomas Killeen, 1855, of Bayonne, N. J.

Faculty.

Rev. Thomas E. Murphy, President.
Edward P. Spillane, Librarian.
Patrick A. Halpin, Mental Philosophy.
Michael H. O'Brien, Men. Philosophy.
John F. X. O'Connor, Rhetoric.
William Brosnan, Chemistry.
David H. Buel, Astronomy.
John C. Keveny, Special Classics.

Edward X. Fink, Preparatory Dept.
John B. Young, Choir Master.
B. Emil A. Risler, Drawing.
Richard Magee, Penmanship.
P. J. M. Munro, Elocution.
Maurice Ronayne, Evid. of Religion.
Martin J. Hollohan, Belles-Lettres.
Joseph V. Schmidt, Joseph M. Stadelman, Classics.
Eugene Ryan, Asst. Prefect Discipline.
Wm. S. Singleton, First Grammar.
Lalor R. McLaughlin, First Grammar, Librarian.
Martin E. Scott, David H. Roach, Thos. J. F. Barrett, Second Grammar.
John Lunny, Francis de S. Howle, Charles E. Lane, Philip J. Reilly, A.M., Third Grammar.
Capt. John Drum, U.S.A., Military Science.

ST. JOHN'S COLLEGE.

Annapolis, Md. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$22,000	270	14	3	8,000

The first foundation of this school dates back two centuries. King William's School, the predecessor of this college, was founded in 1696, and existed as such until 1788. In 1784 it obtained a college charter, and began its collegiate existence in 1789. During the Civil War this college, like so many other Southern schools, suspended instruction. The presidents have been: J. McDowell, LL.D., 1790; Bethel Judd, D.D., 1807; H. Lyon Davis, D.D., 1820; W. Rafferty, D.D., 1824, H. Humphreys, D.D., 1831; C. K. Nelson, D.D., 1857–1861; Henry Barnard, LL.D., 1866; J. C. Welling, LL.D., 1867; J. M. Garnett, LL.D., 1870; J. McDowell Leavitt, D.D., 1880; W. H. Hopkins, Ph.D., 1884; Thomas Fell, Ph.D., LL.D., since 1886.

The college is governed by thirty-two governors and visitors. Admission is by examination. Four parallel courses: the classical, Latin-scientific, and engineering, lead to degrees of A.B., and B.S. The degree of A.M. is conferred after one year of graduate study. The expenses for the year, lasting from September 20 to June 27, are $260. The State provides scholarships for one student from each senatorial district, twenty-six in all, while fifteen Annapolis scholarships and others for ministerial students have been provided. Attendance at chapel, gymnastic exercise, and military drill is compulsory.

The students maintain the Philokalian and Philomathean literary societies, a Christian Association, and an Athletic Association, with football, baseball, and track teams. The graduates since 1793 number more than 500, of whom William Horwood, A.M., 1827 of Annapolis is the oldest.

Faculty.

Thomas Fell, A.M., Ph.D., LL.D., President, Philosophy and Classics.
James W. Cain, A.M., Political and Social Science.
John L. Chew, A.M., Mathematics.
Ellwood W. Evans, U.S.A., Military Science and Constitutional Law.
John D. Epes, B.A., English.
A. M. Soho, B.A., Greek.
W. N. Berkeley, Chemistry.

Joseph R. Wilmer, B.A., Physics.
Edwin D. Pusey, A.M., German, Latin.
Rev. W. S. T. Deavor, Ph.D., Math.
Francis E. Daniels, A.M., Botany and Biology.
James D. Todd, Oratory, Elocution.
T. Leverett Brewer, B.S., Mechanical Engineering.
Joseph R. Wilmer, U.S.N.A., Instructor of Naval Candidates.

ST. JOHN'S COLLEGE.

Fordham, N. Y. City. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$141,000	250	25	8	37,000

The college was founded by Archbishop Hughes in 1841, and incorporated in 1846, when it was transferred to the Jesuit Fathers. The presidents have been, Cardinal McCloskey, Rev. John B. Harley, Archbishop Bayley, Father Thébaud, Rev. John Larkin, Rev. Remigius Tellier, Rev. Edward Doucet, Father Moylan, Rev. Joseph Shea, Father Gocklen, Rev. P. F. Dealy, Rev. Thomas Campbel, Father Scully, and Rev. Thomas J. Gannon.

The college occupies a site of seventy-five acres on the old Rose Hill estate, adjoining Bronx Park. It is governed by nine trustees. Admission is by examination. Of the course of seven years, the first three are preparatory, while the remaining four years are devoted to collegiate and university instruction, leading to the degree of B.A., and that of A.M. after two further years. Attendance at chapel, confession, mass, etc., is compulsory. The expenses for the year, lasting from September 4 to June 24, are $270, of which $60 are for tuition. Nearly one hundred prizes of from $10 to $50, together with gold medals and a large number of other medals and premiums, are annually distributed.

Of the societies the Parthenian Sodality, dating back to 1837, is the oldest. The Sodality of Holy Angels was organized in 1847, followed by the St. John's Debating Society in 1854, afterward changing into the House of Commons; the Historical Association in 1862. Previous to this an Alumni Society and Dramatic Club had been organized. Among the papers published have been the "Fordham Monthly" "Goose Quill," "Sem," "Collegian," and "Spy." Of the 700 graduates the oldest is the Rev. Patrick McGovern, 1848, of Croton-on-Hudson.

Faculty.

Rev. Thos. J. Gannon, S.J., President.
Rev. John F. Quirk, S.J., Vice-President, Prefect of Studies, etc.
Rev. Ignatius Renaud, S.J., Treasurer.
Rev. Michael Flynn, S.J., History.
Rev. Louis Jouin, S.J., Ethics.
Rev. Patrick O'Reilly, S.J., Philosophy and Evidences of Religion.
Rev. Michael J. Hughes, S.J., Mechanics and Higher Mathematics.
J. Barry Smith, S.J., Physics, Chem.
Rev. Patrick Quill, S.J., Rhetoric.
Rev. John C. Hart, S.J., Poetry.
Rev. John Fox, S.J., Chemistry.
Thomas E. O'Shea, Arithmetic.
M. J. Mahoney, S.J., First Grammar.

Lieut. Granger Adams, U.S.A., Military Tactics.
John J. Neary, S.J., Second Grammar.
Albert G. Brown, S.J., Elocution.
J. C. Harmon, S.J., Third Grammar.
John H. Mulligan, S.J., John P. M. Walsh, S.J., Rudiments.
Romuald M. Echeverria, S.J., Math.
Eugene de L. McDonnell, S.J., Geometry, Director of Music.
Maurice E. Prendergast, S.J., Algebra.
Daniel R. Kieran, A.B., Arithmetic.
Rev. George Petit, S.J.

ST. JOHN'S COLLEGE.

Washington, D. C. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	150	10	——	1,500

The college was founded in 1866 on a site near Thomas Circle. It is conducted by the Brothers of Christian Schools, and consists of three departments: the collegiate, academic, and primary. Special attention is given to English. Attendance at chapel, communion, etc., is compulsory only for Catholics. Tuition for the year, lasting from September 9 to June 22, is $60. In addition to this special fees of $2 and $5 for the use of the library and of chemicals, with a diploma fee of $10. A large number of gold and other medals are annually distributed for excellence in study. The students maintain several religious sodalities, oratorical associations, and a Dramatic Club. The oldest graduate is the Hon. N. Schulties, 1872, of Washington, D. C. Rev. Br. Fabrisian is the president.

(*Further information lacking.*)

ST. JOHN'S UNIVERSITY.

Collegeville, Minn. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	256	23	1	10,000

The college was founded in 1857 on a territorial charter. In 1869 it was empowered to confer degrees, and in 1883 the present name was assumed. The presidents since 1857 have been, Very Rev. Fathers Demetrius de Marogna, Cornelius Wittmann, Benedict Haindl, Othmar Wirz, Wolfgang Northman, Bishop Rupert Seidenbusch, Right Rev. Alexius Edelbrock, and the Right Rev. Bernard Locnikar, and the present president, the Right Rev. Abbot Peter Engel, who was elected in 1894.

Admission is by examination. Degrees of A.B., B.Ph., and M.Acc. are given, with that of A.M. after post-graduate study. The expenses for the year, from September 4 to June 24, are $200. Nine medals and many premiums are given for excellence in study. The societies

are the St. Boniface, Elexian, Thespian, Reading Association, Choir, and College Band. The graduates number more tham 700.

Faculty (all O.S.B.'s).

Rt. Rev. Peter Engel, Ph.D., President.
Rev. Alexius Hoffmann, Greek, etc.
Michael Ott, Ph.D., Philosophy, etc.
Herman Bergmann, Latin.
Placidus Wingerter, German Lit., etc.
Francis Mershman, D.D., Theology.
Stanislaus Preiser, Sacred Liturgy.
Norbert Hofbauer, Commercial Dept.
John Katzner, Director of Music.
Isidore Siegler, German.
Adrian Schmitt, Anatomy.
Athanasius Mayer, Mathematics.
Agatho Gehret, Physics.
Philip Bahner, Penmanship.
Justin Welz, Arithmetic.
Charles Cannon, Rhetoric.
Otto Weisser, Harmony.
Fidelis Lucking, German.
Bernard Kevenhoerster, Rhetoric.
Alto Walter, German.
Ulric Scheffold, Law, etc.
Leonard Kepsner, Latin.
Anselm Ortmann, French.
Pius Kraker, German.
Cyril Zenisek, Arithmetic.
Method Vones, Polish.
Louis Traufler, English.
Felix Nelles, Grammar.
Adolph Dingmann, Geometry.
Lambert Thelen, Latin.
Kilian Heid, Arithmetic.
Edmund Bosel, Grammar.
Meinord Seifermann, Geography.

ST. LAWRENCE UNIVERSITY.

Canton, N. Y. *Co-Educational.* *Universalist.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,773	157	16	4	11,500

The college was chartered in 1856, after a State Convention of the Universalists of New York. The presidents have been: John Stebbins Lee, D.D., acting, 1859–1868; Richmond Fisk, D.D., 1868–1872; Absalom Graves Gaines, D.D., LL.D., 1872–1888; Alpheus Baker Hervey, Ph.D., 1888 to the present; and of the Theological School: Ebenezer Fisher, D.D., 1857–1879; Isaac Morgan Atwood, D.D., 1879 to the present time. The trustees number nineteen.

Admission is on certificate of the State Board and on high school certificates. Negroes are not excluded. Attendance at chapel is compulsory. The degrees are A.B., B.S., and B.Ph., with that of A.M. after three years of graduate study. The expenses for the year, lasting from September 30 to June 28, are $175. Twenty-six scholarships, equivalent to tuition, are available.

The college grounds cover twenty acres. The students publish the "Laurentian," a monthly, and the "Gridiron," and maintain the following societies: Philomathesian, Philomathean, Press Association, Pauline Brotherhood, eating clubs, Christian Association, and Athletic Association with teams and clubs. Chapters of the following fraternities have been organized: Α Σ Χ, Β Θ Π, 1875; Κ Κ Γ, 1879; Α Τ Ω, 1882; Δ Γ, 1884–1887, and Δ Δ Δ.

Of the 575 graduates, some 525 are living. The oldest is the Hon. Delos McCurdy, 1865, of New York.

Faculty.

Rev. Alpheus Baker Hervey, Ph.D., President, Natural Science.
Rev. Isaac Morgan Atwood, D.D., Theology and Ethics.
Rev. John Stebbins Lee, D.D., Ecclesiastical History and Archæology.
Rev. Absalom Graves Gaines, D.D., LL.D., Philosophy and Economy.
Charles Kelsey Gaines, Ph.D., Librarian, Greek and English.
Rev. Henry Prentiss Forbes, D.D., Biblical Literature, Librarian Theological School.
Henri Hermann Liotard, M.A., German and French.
Henry Priest, M.A., Mathematics.
Rev. Lewis Beals Fisher, Pastoral Theology.
Rev. John Coleman Adams, D.D., Preaching.
Rev. Edward Cortland Bolles, Ph.D., D.D., Preaching.
George Robert Hardie, M.A., Latin.
Ceylon Samuel Kingston, B.A., Math.
Campbellina Pendleton Gaines, M.A., English.

ST. LOUIS UNIVERSITY.

St. Louis, Mo. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
	304	18	1	43,000

This institution, founded in 1829, was incorporated in 1832. In 1888 it was moved from Washington Avenue to its present site. The government is vested in five trustees. Collegiate and academic courses lead to degrees of A.B., with A.M. after one year, and Ph.D. after two years of post-graduate study. Attendance at chapel is compulsory. Tuition for the year, lasting from the first week of September to the last week of June, is $75. Nine gold medals are given for excellence in English, with numerous other medals for other studies.

The Philalethic Society dates from 1832. The students' Library Association has accumulated four thousand volumes. Of the 1,022 graduates, some 700 are living. The oldest of these is Valsin DuPui, 1838, of Iberville, Ind.

Faculty.

Rev. Francis B. Cassilly, S.J., Philosophy and Religion.
Rev. Thomas F. Treacy, S.J., Astronomy and Mathematics.
Rev. Hubert D. Gartland, S.J., Physics and Chemistry.
John P. Coony, S.J., Special Science.
Rev. Michael Eicher, S.J., Rhetoric, German, and Elocution.
Rev. John A. Gonser, S.J., Poetry and Vocal Music.
Peter G. O'Donnell, S.J., Humanities and Elocution.
Alex. Dreane, S.J., Special, French.
Joseph H. Dickhaus, S.J., First Academic, German and Elocution.
Lieut. D. D. Johnson, U.S.A., Military Science.
Thomas A. Healy, Penmanship.
Edward S. Bergen, S.J., Second Academic, Elocution.
Richard D. Slevin, S.J., Third Academic, Elocution.
Albert Gilbert, S.J., Second Academic.
John M. Flynn, A.B., Third Academic.

ST. MARY'S COLLEGE.

St. Mary's, Kan. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,000	207	32	———	15,000

The college was chartered in 1869. It is governed by five trustees. The classical and commercial course leads to the degree of A.B., and that of A.M., after graduate study. The expenses for the year, lasting from the first week in September to the last week of June, are $200. Eighteen gold medals and many premiums are annually distributed. The students publish the "Dial," and maintain the Philolethian, Philharmonic, and junior literary societies, with an Athletic Association and a billiard room. The graduates number nearly 200, of whom 175 are living. The oldest of these is the Rev. Richard Dunne, 1882, of Oak Park, Ill.

Faculty.

Rev. Edw. A. Higgins, S.J.; President.
Rev. James McCabe, S.J., Studies and Discipline.
Rev. John B. Kokenge, S.J., Philosophy and Calculus.
John J. Driscoll, S.J., Sciences, Math.
Rev. Francis J. Finn, S.J., Rhetoric.
Thomas A. O'Malley, S.J., Poetry.
Matthew H. Germing, S.J., Humanities and German.
Thos. W. Smith, S.J., First Academic.
Adolph J. Kuhlman, S.J., First Academic, German and Elecution.
Joseph P. Conroy, S.J., Second Academic, Elocution.
Wm. P. Lyons, S.J., Third Academic.
Rev. J. J. Donoher, S.J., Special Latin.
Thos. F. Wallace, S.J., First Commercial, Penmanship and Elocution.
Henry G. Hains, A.M., First and Fourth Com., Commercial Law.
Alexander J. McKay, Second Commercial, Commercial Law.
Henry W. Otting, S.J., Third Com.
Thos. A. McNeive, S.J., Third Commercial, Arithmetic, Penmanship.
George C. Markle, Fourth Commercial, Typewriting.
Simon A. Ryan, S.J., English, Latin, and Elocution.
Rev. Peter A. Nogues, S.J., French.
Thos. A. Smalley, S.J., Elocution.
S. M. Ledochowski, A.M., Piano.
John O'Neill, Doc.Mus., Violin, etc.

ST. MARY'S COLLEGE.

St. Mary's, Ky. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
$17,000	115	12	3	4,000

The school was founded by Rev. William Byrne, the first president, in 1821, and chartered as a college in 1837. The Jesuit order had charge from 1833 to 1846; the secular clergy of Louisville diocese from 1846 to 1869. The college was suspended from 1869 to 1871 on account of financial embarrassment after the war. From 1871 to 1896 the Congregation of the Resurrection has had charge. The main building of the college burned down, once in the first decade and again shortly before the war. The trustees number four.

Admission is by examination and upon certificate. Negroes are excluded. Attendance at chapel and at military drill is compulsory. Courses in the classics, sciences, and commercial branches lead to degrees of A.B., B.S., and that of A.M., after one year's graduate study. The expenses for the year, lasting from the first Wednesday in September to the last Wednesday in June, are $200. The grounds cover five hundred acres.

The students publish the "Monthly Sentinel," and maintain literary, debating, declamatory, and dramatic clubs, an Athletic Association, and a battalion. The graduates since 1874 number 150. The oldest of these is Samuel Spalding, 1828, of Lebanon, Ky.

Faculty.

Rev. D. Fennessy, President, Modern Languages.
John Fehrenbach, D.D., Theology.
John L. Steffan, Ph.D., Philosophy.
Rev. Andrew Spetz, Religion.
John Kosinski, Classics.
Rev. Eugene Crane, A.M., Classics, History, and English.
J. A. Timmons, A.M., Mathematics.
A. F. Didier, Science and Civics.
Edgar Bourget, Music.
Charles Degnan, English.
John L. Seidl, Book-keeping.
P. J. Kirwin, Arithmetic.
Richard A. McGary, Shorthand.
Lawrence J. Timmons, Brass Band.

ST. OLAF COLLEGE.

Northfield, Minn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,991	122	10	2	1,200

St. Olaf School was incorporated in 1874 with the Rev. T. H. N. Mahin as principal. In 1876 it was made a college, and in 1886 a divinity school was added. The school is governed by thirty-five trustees. The object of the school is to give instruction to Scandinavians, and special attention, therefore, is given to English, Norwegian, and German. Degrees of B.A., and B.S. are conferred. The expenses for the year, lasting from September 9 to June 16, are $125. Tuition is free, but incidental charges of $10, and for laboratory fees and musical instruction are made. Attendance at chapel, though not compulsory, is expected of all. Students are forbidden to smoke, to play cards, or to visit saloons or billiard rooms. They publish the "Manitou Messenger," and maintain the Manitou Debating Club, Utile Dulci, Sarnfund, a Norwegian Society, and a chapter of A B X. The graduates number thirty, of whom C. J. Rollefson, 1890, of Northfield, Minn., is the oldest.

Faculty.

Rev. Thorbjorn N. Mohn, President, Religion, English, Hist., Norwegian.
Rev. Ole G. Felland, A.M., Librarian, German, Hebrew, and Botany.
Halvor T. Ytterboe, A.B., Treasurer and Registrar.
Rev. Olav Lee, A.B., Latin.
Andrew Fossum, Ph.D., Greek and French.
Carl J. Rollefson, A.B., Math., Chem.
Ole O. Fugleskjel, A.B., Arithmetic, English, and History.
Marie Krohn, English.
Mathilda Finseth, Piano.

ST. PAUL'S COLLEGE.

St. Paul Park, Minn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,426	87	7	1	943

The college was founded in 1889, on a site of thirteen acres, ten miles south of St. Paul City. The trustees number twenty-one. Admission is upon certificate. Degrees of A.B. and B.S. are conferred. Tuition for the year, lasting from September 17 to June 11, is $34. The students maintain two literary societies.

Faculty.

Rev. C. W. Hertzler, A.B., President, Theology and Book-keeping.
Rev. W. F. Finke, A.M., Vice-Pres., English and History.
Rev. Th. Rodemeyer, A.M., Ph.D., German, Latin, and Greek.
H. J. Hoffert, B.S., Mathematics and Natural Science.
Lulu Belden, Piano and Organ.
Lizzie Noltemeier, Painting, Drawing.
Eva M. Alcott, Vocal Culture.
Edward C. Nippolt, Violin.

ST. STEPHEN'S COLLEGE.

Annandale, N. Y. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
——	67	7	6	12,000

The school was established in 1861 on a site covering thirty acres of ground. The trustees number twenty-four. Admission is on certificate. The courses of instruction, which are designed to fit students for the study of divinity, lead to the degree of A.B. The expenses for the year, lasting from September 11 to June 13, are $225. Prizes of from $25 to $100 are annually distributed, and thirty-seven scholarships, yielding incomes from $125 to $250, are available. The Eudoxian, Kappa Gamma Chi, and Sigma Phi are societies organized for declamation and debate, and a Missionary Society is also maintained.

Faculty.

Rev. Robert B. Fairbairn, D.D., LL.D., Moral Philosophy, Logic, and Metaphysics.
Rev. George B. Hopson, D.D., Latin.
Rev. Wm. W. Olssen, D.D., Mathematics and Natural Philosophy.
J. C. Robertson, M.A., Ph.D., Greek.
Bertrand C. Hinman, M.A., Chem.
Chas. Howard Malcom, M.A., D.D., History and English.
Rev. W. H. Pearson, B.A., B.D., Greek and German.
W. George W. Anthony, M.A., Latin and Mathematics.
S. W. Linsley, C. L. Wheeler, Librarians.

ST. VIATEUR'S COLLEGE.

Bourbonnais, Ill. *Men.* *Catholic.*

The school was founded in 1865, and became a college in 1874. It is situated in Kankakee County, some thirty miles from Chicago, in close vicinity to Notre Dame, a Catholic college for women. The trustees number four. The expenses for the year, lasting from September 5 to the middle of June, are $200. A great number of prizes, medals, and honors are annually distributed in all courses. The students publish the "Viatorian Journal," and maintain a Debating Society, Scientific Association, Acolytical Society, Orchestra and Glee Club, and an Athletic Association, with a Tennis Club, and baseball team.

Faculty.

Rev. M. J. Marsile, C.S.V., President, Belles-Lettres.
J. J. Cregan, C.S.V., Vice-President, Director of Studies.
Rev. J. E. Laberge, D.D., Philosophy.
Rev. G. M. Legris, A.M., Moral Theology.
Rev. T. J. McCormick, Rhetoric, Latin.
Rev. J. L. Seguin, C.S.V., A.M., Trigonometry.
C.T. Morel, M.S., M.D., Sciences.
Rev. L. A. Senecal, Treasurer.
Rev. A. D. Mainville, Asst. Treasurer.
Rev. J. F. Ryan, Greek.
Rev. P. Desjardins, Music.
Rev. G. A. Williams, History.
Rev. J. Leclair, Latin.
Rev. M. Lennartz, Latin.
Rev. J. Harkin, Book-keeping.
Rev. J. Leduc, French.
M. P. Sammon, Book-keeping, etc.
J. B. Surprenant, Reading.
P. Meehan, Grammar.
M. Dermody, Minim Department.
E. Harley, Algebra and Latin.
M. Welter, German.
B. King, Grammar and Latin.
C. Feltes, Latin.
C. Koch, Arithmetic.
J. F. Hayden, History.
J. Nawn, English Literature.
D. Walsh, Reading.
A. Michael, Discipline.
J. V. Lamarre, History.
H. Concannon, Grammar.
James Brennan, Reading.
G. Martineau, Violin.
C. O'Reilly, Military Instructor.

ST. VINCENT COLLEGE.

Westmoreland County, Pa. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
	283	30	4	12,000

Founded in 1846, the college was authorized to confer degrees in 1870. It is situated on grounds of twenty-five acres. The trustees number seven. Three courses, the classical, ecclesiastical, and commercial, lead to the degree of A.B., and to that of A.M., after two years of graduate study. A gymnasium building containing a stage, art gallery, and music rooms, has recently been erected. The expenses for the year, lasting from the first Thursday in September to June 22d, are $200. Besides three gold medals, premiums are annually distributed in all courses of study.

The students maintain two literary societies, a debating and dramatic association, a senior dramatic club, and four musical bands. The "Journal" is published monthly.

Faculty.

Rev. Leander Schnerr, President.
Rev. Vincent Huber, Vice-President, Dogmatic Theology.
Thanasius Hintenach, Clerical Book-keeping.
Raymond Daniel, Violin.
Rev. Anthony Wirtner, Arithmetic.
Rev. Anselm Soehnler, German Grammar.
Rev. Jerome Schmitt, Latin.
Rev. Julian Kilger, Moral Theology.
Eustace Sonntag, Piano.
Rev. Gregory Zeilenhofer, Latin.
Rev. Edward Andelfinger, English, Rhetoric.
Rev. Edgar Zuercher, Latin.
Rev. Germain Ball, Secretary, Math.
Rev. Raphael Wieland, Latin.
Rev. Balduin Ambros, Hermeneutics, German, etc.
Rev. Lawrence Haas, Law.
Candidus Eichenlaub, Philosophy.
Daniel Kaib, Commercial Class.
Leo Eichenlaub, Elocution.
Rev. Charles Lindner, Latin.
Theophilus Plent, Natural Philosophy and Chemistry.
Winfried Kallmannspuger, Element.
Rev. Alexander Michælis, Latin.
Wolfgang Kolbeck, German.
Maurus Hartmann, Vocal Music.
Suitbert Rickert, Leonard Schlimm, and Gerard Bridge, German.
Aurelius Stehle, Typewriting.
Virgil Niesslein, Nat. Philosophy.
Benedict Leckler, Drawing.

ST. VINCENT'S COLLEGE.

Los Angeles, Cal. *Men.* *Catholic.*

The college was founded in 1865, and in 1870 the present main building on the new grounds was completed. The government is vested in five trustees. Admission is by examination. The degree of A.B. is conferred after the curriculum has been passed, while that of A.M. is conferred after two years of resident graduate study. The expenses for the year, lasting from September 7 to June 23, are $250. Five gold and silver medals are annually distributed. Among the societies are the Alumni Association, the Lyceum, owning a library, several religious societies and an athletic association. The "Student" is published.

Faculty.

Rev. A. J. Meyer, President, Elocution.
Rev. M. Dyer, Logic, Mathematics.
Rev. M. V. Richardson, Christian Doctrine, Spanish.
Rev. F. X. Antill, Commercial Department.
Rev. W. J. Gorrell, Com. Department.
Rev. D. J. Hurley, Classics.
Rev. W. H. Musson, Math., English.
Rev. J. J. Schlereth, Chemistry, Physics.
D. J. Healey, Rhetoric, History.
T. W. Wilde, Music.

STRAIGHT UNIVERSITY.

New Orleans, La. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
———	563	16	6	2,000

The college was organized nearly thirty years ago as the first school giving higher education to negroes. Since 1875 nearly two hundred

students have been graduated. The trustees number fifteen. Admission is by examination and certificate. Degrees are conferred in arts, law, and theology. The expenses for the college year, from October 1 to May 31, are $100.

Faculty.

Oscar Atwood, A.M., President, Philosophy.
Rev. George W. Henderson, A. M., Theology.
Arthur C. Cole, A.B., Latin and Greek.
Emily W. Nichols, Science.
Mary W. Culver, Literature.
Mrs. Edwin J. Pond, Margaret E. Reed, Mrs. L. St. J. Hitchcock, Mary D. Coghill, Anna M. Paddock, Piano and Organ.
Nettie M. White, Vocal Music.
George L. Dewey, Treasurer.
Emerson C. Rose, Industrial.
James D. Gordon, Printing.
Mrs. George L. Dewey, Dressmaking.
Jennie Fyfe, Principal.
Carrie E. Hodgman, Belle C. Harriman, Matrons.
Emily W. Nichols, Librarian.
Mrs. Edwin J. Pond, Asst. Librarian.
Louise Denton, Deborah B. Johnson, Grace E. Hance, Jennie W. McKibban, Harriet M. Markham, Preparatory School.

SWARTHMORE COLLEGE.

Philadelphia, Pa. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$85,000	176	20	4	16,500

History: The college was founded in 1864 after one of the yearly meetings of the Friends of New York, Philadelphia and Baltimore. The presidents have been: Edward Parrish, 1869–1871; Edward H. Magill, 1871–1889; William Hyde Appleton, 1889–1891; and Charles De Garmo, the present incumbent, who was elected in 1891. In 1881 a destructive fire caused the college to be transferred to Media, Pa., for one year. The trustees number thirty-two. Associated with them are women managers.

Admission, Degrees, and Scholarships: Admission is by examination. The courses of study are advanced in their nature, and elective studies in increasing proportion are offered after the freshman year. Attendance at chapel and at gymnastic exercise is compulsory. The use of tobacco is strictly prohibited. The question whether negroes are to be admitted, has never been decided. The expenses for the year, lasting from October 20th till June 6, are $450, of which $200 is for tuition. Two fellowships, one of $525, and one of $450 are given for advanced study. The first of these is available for women only. Three scholarships, equivalent to board and tuition are available, beside ten freshman scholarships, yielding either $200 or $100 to resident or non-resident students. Beside these scholarships there is a trust fund, the income of which is devoted to aid deserving students.

Equipment: The grounds cover sixty acres, of which five are in the campus. Among the buildings is the main college, a meeting-

house, science hall, gymnasium with athletic grounds, and an observatory. The museum contains collections of minerals, collected by Joseph Leidy, of comparative osteology, of stuffed birds, Alaskan Indian implements, of shells, and of stalactites. The Eckfeldt herbarium contains more than 2,000 Pennsylvanian plants.

Societies and Publications: The students publish the "Phoenix," a bi-weekly, and the "Halcyon," a junior annual. The societies are: the Delphic, Eunomian, and Summerville literary societies, Leidy Scientific Association, Young Friends Association, Oratorical Union, Mandolin and Glee Clubs, and Athletic Association, with football, base ball and track teams, besides chapters of two fraternities: the K Σ, 1888; and Φ K Ψ, 1889. The graduates since 1873, number more than 400.

Faculty.

Charles De Garmo, Ph.D., President, Philosophy.
Elizabeth Powell Bond, Dean.
Edward H. Magill, A.M., LL.D., French.
Arthur Beardsley, C.E., Ph.D., Engineering.
William Hyde Appleton, A.M., LL.B., Ph.D., Greek and Early English.
Susan J. Cunningham, Sc.D., Mathematics and Astronomy.
William Cathcart Day, Ph.D., Chemistry.
Spencer Trotter, M.D., Biology and Geology.
George A Hoadley, C.E., A.M., Physics.
Ferris W. Price, A.M., Latin.
Marie A. Kemp Hoadley, A. M., German.
Richard Jones, A.M., Ph.D.. English.
William I. Hull, Ph.D., History and Civics.
Myrtie E. Furman, M. O., Elocution.
J. Russell Hayes, A.B., LL.B., Eng.
Beatrice Magill, Painting.
J. K. Shell, M.D., Physical Culture.
Emily G. Hunt, M.D., Physiology and Hygiene.
Joseph Bayley, Jr., Engineering.
Henry V. Gummere, A.M., Math.
Mary V. Mitchell Green, M.D., Physical Culture.
Marion Hunter, Physical Culture.
William H. Adey, C.E., Engineering.
Esther T. Moore, A.B., Registrar.
Sarah M. Nowell, Librarian.

SWEETWATER COLLEGE.

Sweetwater, Tenn. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
—	86	6	1	—

The college was founded in 1874. It is the only college in the State which is controlled by its alumni. The trustees number thirteen, and the visitors seven. Admission is upon certificate. The curriculum embraces courses in English, the Classics, History, Philosophy, Science and International Law. The degrees are B.A., and B.S. No student is allowed to change his place of boarding, leave town, or be out of his room after seven in the evening. The students' rooms are visited at all hours by members of the faculty, and any student found absent, or engaged in playing cards, or other "disrepu-

table conduct" is disciplined. All students are required every Monday to fill out the following blank: —

I attended Sunday School at.....

Church at.....

And in the evening at.....

I was at the opening and remained to the close.

Name.....

Attendance at military is likewise compulsory, as is the wearing of a uniform. The expenses for the year, lasting from September 2 to June 5, are $110, of which $30 is for tuition. Sophomores and Freshmen pay $2 less than Juniors and Seniors. Eleven cash prizes, from $5 to $10 each, are offered for excellence in English and drill. The graduates since 1878 number 100.

Faculty.

Rev. J. Lynn Bachman, A.M., President, Philosophy.
Wm. A. McClain, A.B., English and Mathematics.
Col. Sam. E. Young, Law.
D. N. Bowder, A.M., M.D., Chem.
J. H. Hardin, A.B., M. D., Physiology.
Annie Lynn Bachman, Preparatory Branches.

SYRACUSE UNIVERSITY.

Syracuse, N. Y. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$117,566	1,012	92	6	57,462

The university was founded in 1871, on a site overlooking the Onondaga Lake and Valley. It consists of colleges of Liberal Arts, of the Fine Arts, and of Medicine and Law. The trustees number forty-nine, of whom four are alumni.

Admission is by examination and on certificates from seven specified schools, as well as on regents' certificates for the subjects covered by them. The degrees are A.B., B.L., B.Ph., with degrees in Architecture, Painting, Music, Laws, and Medicine. The master's degree is conferred after one year, and that of Ph.D. after two years of resident graduate study. Attendance at chapel is compulsory. Tuition is from $75 to $120 for the year, lasting from September 22 to June 11. Forty-three scholarships, equivalent to tuition and more, are available.

The property of the school is valued at $1,800,000, with productive funds of $800,000. The library has recently been enriched by the famous historical collection of the late Von Ranke. Special libraries are owned by the colleges of Law and Medicine. The collection of

Fine Arts is rich in portraits and landscapes. The university is one of the colleges supporting the school for classical study in Rome.

Among the numerous societies are two Christian Associations, an Athletic Association, with football, base ball and other teams, and an Alumni Association. Among other publications the students publish the "Syracusan" and "Onondagan." The graduates number 1,650.

Faculty.

James R. Day, S.T.D., Chancellor.
John R. French, LL.D., Mathematics.
W. P. Coddington, S.T.D., Philosophy and Pedagogy.
Frank Smalley, A.M. Ph.D., Latin.
Eugene Haanel, Ph.D., F.R.S.C., Physics, Theistic Science.
William H. Mace, A.M., History.
Charles W. Hargitt, A.M., Ph.D., Biology.
William G. Ward, A.M., English and Oratory.
Henry A. Peck, A.M., Ph.D., Astron.
Edgar A. Emens, A.M., Greek.
Franklin J. Holzwarth, A.M., Ph.D., German.
Ernest M. Pattee, M.S., Chemistry.
Edgar Coit Morris, A.M., Rhetoric and English.
Edmund Chase Quereau, Ph.B., Ph. M., Ph.D., Geology.
John R. Commons, A.M., Sociology.
Charles W. Cabeen, A.M., French.
Rev. Adolph Guttman, D.D., Semitic.
William H. Metzler, Ph.D., Math.
Henry O. Sibley, Ph.D., Library Economics.
Delmer E. Hawkins, A. B., Political Science.
Evelyn Benedict Ayres, Elocution.
William H. Jakway, B.S., Physics.
Edward J. Redington, A.B., Latin.
Ismar J. Peritz, A.M., Semitic Languages.
Jean Marie Richards, Lit. B., English.
F. Ziah Lewis, A.B., Botany.
Earl G. Burgh, B.S., Zoology.
William B. Hodge, B.S., Physics.
Charles H. Treadwell, B.S., Physics.
Erwin H. Schuyler, B.S., Chemistry.
J. A. R. Scott, Gymnasium.
Minnie B. Woodworth, B.Ph., Gymnasium.
James M. Thoburn, D.D., Mission.
Leroy M. Vernon, A.M., S.T.D., Esthetics.
George A. Parker, Mus.D., Piano and Organ.
Ella I. French, Mus. B., Piano.
Luella M. Stewart, Painting.
Ruth Elizabeth Guibault, Mus. B., Piano.
Conrad L. Becker, Violin.
William H. Berwald, Theory of Music.
Unni Lund, Vocal Music.
Adolf Frey, History of Music.
Albert L. Brockway, Architecture.
Jeannette Scott, Painting.
Julie Heinbach Hine, German.
Edwin H. Gaggin, B.Ar., Perspective.
Miriam A. Guernsey, B.Ph., Music.
Mary Sims Parker, Vocal Music.
Gino Bardella, Painting.
Torquato Di Felice, Painting.
Alice J. Oliver, Vocal Music.
Arthur Eltinge, Mus. B., Organ.
Thomas Walker Gaggin, B. Ar., Architecture.
Frederick William Revels, B.Ar., Perspective Geometry.
Carl Tracey Hawley, B.P., Painting.
Irene Sargent, French.
N, Irving Hyatt, Theory of Music.
Henry D. Didama, M.D., LL.D., Medicine.
William T. Plant, M.D., Pediatrics.
Alfred Mercer, M.D. State Medicine.
Wm. Manlius Smith, A.M., M.D., Chemistry.
John Vanduyn, A.M., M.D., Surgery.
Gaylord P. Clark, A.M., M.D., Physiology.
John L. Heffron, A.M., M.D., Clinical Medicine.
Henry B. Allen, M.D., Obstetrics.
A. Clifford Mercer, M.D., Tr., Clinical Pediatrics.
Henry L. Elsner, M.D., Clinical Medicine.
David M. Totman, A.M., M.D., Clinical Surgery.
Frank W. Marlow, M.D., M.R., Opthalmology.
Nathan Jacobson, M.D., Clinical Surgery.

Aaron B. Miller, M.D., Gynecology.
Scott, Owen, M.D., Anatomy.
J. C. Carson, M.D., Mental Diseases.
Reuben C. Hanchett, M.D., Materia Medica.
Fred W. Sears, M.D., Clinical Obstet.
Frank B. Brooks, M.D., Physiology.
George M. Price, M.D., Anatomy.
Wm. H. May, M.D., Pathology.
William S. Andrews, A.M., Legal Medicine.
Thomas H. Halstead, M.D., Laryngology.
I. Harris Levy, M.D., Histology.
Charles A. Covell, M.D., Chemistry.
William A. Curtin, Therapeutics.
Eugene W. Belknap, M.D., Medicine.
Joseph T. D. Fischer, M.D., Physiology.
J. Henry Drum, M.D., Anatomy.
E. G. Wynkoop, M.D., Anatomy.
James B. Brooks, A.M., D.C.L., Equity Jurisprudence.
Giles H. Stillwell, A.M., Personal Property.
Edward H. Burdick, A.M., Contracts.
Frank R. Walker, A.M., William G. Tracy, LL.B., Surrogate's Court.
William Nottingham, A.M., Ph.D., Corporations.
Charles L. Stone, A.M., LL.B., Principal and Agent.
George McGowan, A.M., Trusts.
Edwin Nottingham, B.Ph., Law of Evidence.
Charles H. Duell, A.M., LL.B., Law of Patents.
William S. Andrews, A.M., LL.B., Statute Law.
Charles G. Baldwin, A.M., LL.B., Partnership.
Ceylon H. Lewis, A.M., Practice.
Benjamin J. Shove, A.M., Criminal Law, etc.
Edward C. Wright, A.M., Sales.
Hon. Peter B. McLennan, A.M., Trial of Actions.
Hon. Irving G. Vann, A.M., LL.D., Law of Insurance.
Hon. George N. Kennedy, Con. Law.
Hon. John C. Churchill, International Law.
Frank Smalley, Ph.D., Laws and Courts of Rome.
J. William Wilson, A.M., Medical Jurisprudence.

TABOR COLLEGE.

Tabor, Iowa. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,011	203	16	5	6,000

History and Organization: Tabor College dates from 1866, and was the outgrowth of Tabor Institute. It is modelled after Oberlin College, and is practically non-sectarian. The college is governed by twenty-five trustees, but some share of the government is left to the students.

Admission, Instruction, Degrees: First-class certificates are accepted in lieu of examination. Three courses of study are offered: the classical, scientific, and literary, leading to degrees of B.A., B.S., and B.L., besides that of A.M. after further study.

Dues, Scholarships, and Prizes: Tuition is $39 for the year, lasting from September 8 to June 12. Other expenses, with incidental fees and other charges, aggregate $150. Eighteen free scholarships are available, and several prizes are annually distributed.

Societies and Publications: The literary societies are the Phi Delta, Veritatis, Quæstores, and Phi Kappa; the Current Literature Club,

Athletic Union, and two Christian Associations are also maintained by the students. The graduates number 140, of whom Mr. and Mrs. A. S. McPherson, 1870, of Redlands, Cal., are the oldest. The college grounds cover ten acres.

Faculty.

Rev. Wm. M. Brooks, A.M., D.D., President, Political Economy.
Rev. Richard C. Hughes, A.M., Vice-President, Mental and Moral Science.
Helen E. Martin, A.M., History.
Helen Augusta Brooks, B.L., English Literature and Rhetoric.
James T. Fairchild, A.M., Latin.
Rev. C. H. Polhemus, A.M., Greek, German, and French.
T. Proctor Hall, Natural Science.
William A. Deering, A.M., Teaching.
Margaret Lawrence, B.S., Mathematics and German.
Raymond C. Brooks, A.B., B.D., Psychology and English.
Mabel Bradbury Main, Music.
Grace Louise Cronkhite, Organ.
Sylvia M. Drake, B.L., Vocal, Solfeggio.
Grace E. Uhl, Art.

TARKIO COLLEGE.

Tarkio, Mo. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,704	241	14	3	1,010

The college was founded in 1884. The trustees number thirteen. Admission is upon certificate, and the usual college curriculum leads to degrees of A.B., B.S., and that of A.M. after further study. The college grounds cover twenty acres, and contain a gymnasium and athletic field, which are under the immediate control of the faculty. The college year is from September 8 to June 17. The students publish the "Phœnix," and maintain two literary societies, two Christian Associations, and an Athletic Association with football, baseball, and track teams. The graduates number seventy-five, the oldest of whom is William R. Littell, 1887, of Tarkio.

Faculty.

Jos. A. Thompson, D.D., President, Psychology, Ethics, and Logic.
John C. Adair, A.B., Sciences, German.
J. Vallance Brown, A.M., Greek, and Director of Gymnasium.
Peter C. McKillop, A.B., Mathematics and Astronomy.
Martha M. Reid, A.B., Latin.
E. Ella Russell, B.S., English.
James A. McLean, Normal and Preparatory Department.
Henry K. Noel, M.Accts., Com. Dept.
Bertha I. Collins, English.
Daniel R. Willson, B.M., Mus. Dept.
Elizabeth A. Tuttle, Art.
Catherine W. Parker, English and Physical Culture.
Horace G. Byers, A.B., Sciences and German, and Librarian.
Margaret B. Mason, B.S., English and German.
Anna Campbell, Piano.
Harry B. Foster, Shorthand and Typewriting.
Jas. F. Gore, Elizabeth M. Jackson, Preparatory Department.
Charles G. Safford, Wm. E. Richard, Commercial Department.
Mary Webster, Matron.

TAYLOR COLLEGE.

Upland, Ind. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,400	162	11	1	1,000

History: The college was organized as Fort Wayne Female College in 1846. In 1847 the first building was erected. The presidents have been: the Hon. J. A. C. Heustis, 1847–1848; G. H. Rounds, 1848–1849; Rev. Horace Cyrus Nutt, 1849–50; J. A. C. Heustis (second term), 1850–1852; S. T. Gillette, 1852; Rev. S. Brenton, 1852–1855; Rev. D. R. D. Robinson, 1855–1872; Rev. W. F. Yocum, D.D., 1872–1888; and the Rev. H. N. Herrick, 1889 to the present. In 1855 the college was united with the Collegiate Institute of the same place, became a co-educational school, and assumed its present name in 1890.

The trustees number twenty-one. Admission is by examination and upon certificate. The degrees are B.A., B.S., and M.E.L., in the literary and normal courses. The expenses for the year, lasting from September 25 to June 24, are $120. Nine cash prizes are annually distributed for excellence in study. The students maintain the Thalonian, organized in 1853, and the Philalathean, organized in 1878.

Faculty.

T. C. Reade, A.M., D.D., President, Philosophy and Church History.
C. B. Stemen, M.D., LL.D., Physiology and Hygiene.
C. L. Clippinger, A.M., Ph.D., Ancient Languages.
H. C. Neal, A.M., Hist., Polit. Econ.
Grace G. Husted, B.Sc., German and English.
Laura E. Liddle, B.Sc., Math.
S. W. Collett, M.Sc., Nat. Sciences.
W. A. Griest, M.E., Elocution and Homiletics.
L. D. Peoples, Commercial Dept.
Rose Watson, Shorthand.
May Francis, M.B., Instrum. Music.
Mrs. R. R. Elbright Collett, M.B., Music.
F. Ella Lingo, A.M., Fine Arts and French.
Rev. Edwin A. Blake, Ph.D., S.T.D., Comparative Religions.
Rev. Wm. H. Lawrence, Ph.D., D.D., Sociology and Anthropology.
Rev. W. P. George, D.D., Sacred Rhetoric.

THIEL COLLEGE.

Greenville, Penn. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	178	11	3	6,000

The college was founded in 1870. It is governed by fifteen trustees. Admission is on certificate. Four courses lead to degrees of A.B., B.S., B.Ph., and B.L. The expenses for the year, from Sep-

tember 12 to June 20, are $100. Six prizes are annually distributed. The students have organized three literary societies and a chapter of Φ Γ Δ, lasting from 1872-1873. The graduates number 250.

Faculty.

Rev. Theophilus R. Roth, D.D., President, Latin.
Rev. David McKee, A.M., Math.
Rev. Herman Gilbert, A.M., German.
Rev. Josiah R. Titzel, A.M., Greek.
S. H. Miller, A.M., Natural and Physical Sciences.
Franklin B. Sawvel, A.M., Ph.D., English.
Rev. Gustavus Adolphus Bruegel, A.M., German.
Oscar Leon Watkins, A.B., Math.
Rev. W. M. Rehrig, Ph.D., Hebrew.
Wm. Weidman Landis, A.M., Math.
John Prower Symons, Music and Musical Literature.
William E. Smeltzer, A.M., Principal Academic Department
William Daniel Stoyer, Math.
Catharine A. Miller, Matron.
Will J. Irvin, Elocution and Oratory.
Rose Phillips, Shorthand, Typewriting.

TRINITY COLLEGE.

Durham, N. C. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$20,544	180	9	3	7,500

The college was founded in 1859, taking its origin from the Union Institute and Normal College of Randolph County. The principals and presidents have been: the Rev. Dr. Brantley York, 1838-1842; Dr. B. Craven, 1842-1863; W. T. Gannaway; 1863-1866; Dr. B. Craven (second term), 1866-1882; W. H. Pegram, 1882-1883; Rev. M. L. Wood, 1883-1884; Professor Heitman, 1884-1887; John P. Crowell, A.B., 1887-1896; and John C. Kilgo, the present incumbent. In 1864 the college grounds were occupied by Federal troops, and all instruction suspended until the close of the Civil War. The present endowment fund was begun in 1883. In 1888 the preparatory courses were abandoned, and courses in technology, theology, and law were instituted during the three following years. In 1892 the college was moved from Raleigh to Durham, after a gift of sixty-two acres and $85,000 from Washington Duke, of Durham.

The college is governed by thirty-six trustees, twelve of whom are alumni. Admission is by examination and on certificates. There are four courses of instruction, leading to degrees of B.A., B.Ph., B.S., B.LL., and C.E. The expenses for the year, lasting from September 1 to June 8, are $150. Sixty scholarships, yielding $50 each, have been established, and four prizes of $100 are given for excellence in study.

The students maintain two literary societies: the Columbian and Hesperian, and an Economic Club, besides Historical, Theological, Christian and Athletic Associations. Chapters of the following fraternities have been organized: Χ Φ, 1871-1879; Α Τ Ω, 1872-1879; Κ Σ, 1873-1879; Φ Δ Θ, 1878-1879.

Faculty.

John C. Kilgo, A.M., D.D., President, Biblical Literature.
Wm. H. Pegram, A.M., Secretary, Chemistry, Geology, Astronomy.
Robert L. Flowers, U.S.N.A., Math.
Wm. I. Cranford, Ph.D., Philosophy and Greek.
John S. Bassett, Ph.D., History and Political Science.
Jerome Dowd, Political Economy and Sociology.
Edwin Mims, M.A., English.
M. H. Lockwood, E.E., Physics and Biology.
A. H. Meritt, A.B., Latin, German.
T. A. Smoot, A.B., Greek, History.
Geo. B. Pegram, A.B., Mathematics and German.
F. S. Aldridge, Latin.
W. H. Adams, Book-keeping.
Rev. A. P. Tyer, A.M., Financial Secretary.
V. Ballard, Treasurer of Trustees.
J. F. Bivins, S. S. Dent, Librarians.

TRINITY COLLEGE.

Hartford, Conn. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
———	130	19	———	36,000

History and Organization: The charter of Washington College, as this school was formerly called, dates from 1823. Instruction was begun in 1824. In 1845 the name was changed to Trinity, and in 1883 the election of three alumni to the Board of Trustees was provided for. Previous to this, in 1872, the old campus was sold to Hartford, and a new site of 80 acres was purchased, on which new buildings were erected and occupied in 1878. In 1883 the west side of the quadrangle, over 600 feet in length, was completed. An observatory, the president's house, gymnasium, and hall of science were added during the following four years. In 1883, the election of three alumni to the Board of Trustees was provided for.

Admission, Instruction, Degrees: The requirements for admission are the same as in most of the New England colleges. Examinations are held in Hartford, New York, Philadelphia, Pittsburg, Chicago, and San Francisco. Provision is made for special students who cannot pass entrance examination. During the last two years elective studies can be pursued. The degrees are B.A., B.S., B.L., and that of A.M. after one year of graduate study.

Dues, Scholarships, and Prizes: Tuition for the year, lasting from September 19 to June 25, is $100, with other expenses aggregating $200. Scholarships to the number of 100 are available yielding incomes equivalent to tuition, in addition to which there are three prize scholarships, yielding $600 each, and 15 prizes, ranging from $10 to $100.

Equipment: During the last year nearly $100,000 has been added to the endowment by gifts and bequests. The ample college grounds include an athletic field near the gymnasium. The library, besides its books, contains some 25,000 pamphlets, and has special

income from a fund of $28,000. The other departments of the University are well equipped with laboratories, collections, and other working material.

Societies and Publications: The students publish the "Ivy," an annual, besides other publications, and maintain numerous social, literary and debating societies, Christian associations, and an athletic association with athletic teams. Chapters of the following fraternities have been organized?

The graduates number nearly 1,200, 750 of whom are living. The oldest of these is Charles Graham, 1830, of New York City.

Faculty.

George Williamson Smith, D.D., LL.D., President, Metaphysics.
Thomas R. Pynchon, D.D., LL.D., Moral Philosophy.
Samuel Hart, D.D., Latin.
Isbon T. Beckwith, Ph.D., Greek.
Flavel S. Luther, M.A., Mathematics and Astronomy.
Henry Ferguson, M.A., History and Political Science.
Charles Frederick Johnson, M.A., English Literature.
John J. McCook, M.A., Modern Languages.
Wm. Lispenard Robb, Ph.D., Physics.
Robert Baird Riggs, Ph.D., Chemistry and Natural Science.
W. R. Martin, LL.B., Ph.D., Oriental and Modern Languages.

LECTURERS.

Charles C. Beach, M.D., Hygiene.
William Hamersley, M.A., Law.
Charles Dudley Warner, L.H.D., D.C.L., English Literature.
Wm. D. Morgan, M.A., M.D., Anatomy and Physiology.

INSTRUCTORS.

Frederick R. Honey, Ph.B., Instructor in Drawing and Descriptive Geometry.
W. H. C. Pynchon, M.A., Natural Science.
J. F. Bingham, D.D., Lecturer on Italian Literature.
Waldo S. Pratt, M.A., Elocution.
Ralph W. Foster, Instructor in the Gymnasium.

TRINITY UNIVERSITY.

Tehuacana, Tex. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,072	310	15	3	2000

The college was founded in 1869, by the Synod of the Cumberland Presbyterian Church in Texas. The presidents have been: Rev. W. E. Beeson, D.D., 1869–1882; Rev. S. T. Anderson, D.D., 1882–1883; Rev. B. G. McClesky, D.D., 1883–1885; Rev. L. A. Johnson, Ph.D., 1885–1889; Rev. J. L. Dickens, Ph.D., 1889–1890; Rev. B. D. Cockrill, 1890. The Trustees number ten. Admission is on certificate. The degrees are A.B., A.M., and Ph.D. Negroes are not admitted. The expenses for the year, from September 2 to June 7, are $100. Prizes from $25 to $50 are given. The college grounds cover 16 acres, and are situated ten miles from Mexia. Of the buildings one is a hall for divinity students, while the other is a dormitory for women. The

societies are: the Ratio-Genic and Philosophronian, for men, the Maeonian and Sapho-Adelphian for women, with the Timothean for divinity students. Besides these, two Christian Associations and an Exploration Society, with chapters of B Θ Π, 1871, and Φ Δ Θ, 1878, are maintained. The graduates number 150, of whom the oldest is the Rev. J. S. Groves, 1872, of Mexia, Texas.

Faculty.

B. D. Cockrill, President, Theology.
D. S. Bodenhamer, Ph.D., Mathematics.
L. A. Johnson, Ph.D., English and History.
Jesse Anderson, Ph.D., Greek.
S. L. Hornbeak, Ph.D., Physical Science.
B. E. Looney, A.M., Latin.
M. Kate Spencer, Grammar School.
Prof. V. S. Nelson, Commercial School.
Felix E. Anderson, Stenography.
Flora Etta Morgan, A.B., Grammar School.
Mrs. E. S. Sauter, Music.
Miss M. L. Sauter, Music.
Prof. G. A. Landrum, Elocution.
Miss M. Dysart, School of Art.
Ida M. Bodenhamer, Art.

TUFTS COLLEGE.

Boston, Mass. *Co-Educational.* *Universalist.*

Income,	Students,	Instructors,	Buildings,	Books,
$99,368	500	75	11	32,600

In 1847, a fund of $100,000 was raised for the creation of a Universalist College. Charles Tufts added to this 100 acres of land, while Amos Packard gave his entire fortune, to which P. T. Barnum, added $95,000. A charter was obtained in 1852, but instruction was not begun until 1855. In 1892 women were admitted. The presidents have been: Hosea Ballou, 1852–1862; Rev. A. A. Miner, 1862–1874; and Rev. Elmer H. Capen, who is still in charge.

The trustees number twenty-nine. Admission is by examination and on certificate. All the work done by students counts toward acquiring a degree. The degrees are A.B., M.E., C.E., E.E., A.M. and Ph.D., the last two following after graduate study. The expenses for the year, from September 19 to June 17, are $261. Forty-eight scholarships yielding incomes of $100, and five of $50 are available. A women's loan fund has been established together with numerous prizes for excellence in study.

Among the eleven buildings are Ballou Hall, the Library, Metcalf Hall for women, Broomfield Parsons Building, Barnum Museum, Goddard Chapel and a gymnasium. Besides numerous social and literary organizations, chapters of the following fraternities have been established: Z Ψ, 1855; Θ Δ X, 1856; Δ Γ, 1886; and Δ T Δ, 1889.

In all, 750 graduates are living, the oldest of whom is the Rev. J. Eastwood, 1860, of Brattleboro, Vt.

Faculty.

Elmer H. Capen, D.D., President, Philosophy and Political Economy.
John P. Marshall, A.M., Geology and Mineralogy, Dean of Coll. of Letters.
Charles H. Leonard, D.D., Homiletics and Pastoral Theology, and Dean of Divinity School.
Albert Nott, M.D., Physiology and Dean of Medical School.
Jerome Schneider, Ph.D., Greek.
Heman A. Dearborn, A.M., Latin.
William R. Shipman, D.D., Rhetoric, Logic, and Metaphysics.
Benjamin G. Brown, A.M., Mathematics.
Moses T. Brown, A.M., Emeritus.
Thomas J. Sawyer, D.D., Emeritus.
Charles D. Bray, C.E., A.M., Civil and Mechanical Engineering.
Charles E. Fay, A.M., Modern Languages.
William G. Tousey, A.M., B.D., Ethics and Philosophy of Theism.
Amos E. Dolbear, M.E., Ph.D., Physics and Astronomy.
William L. Hooper, A.M., Electrical Engineering.
George T. Knight, A.M., D.D., Church History.
George M. Harmon, A.M., B.D., Biblical Theology.
David L. Maulsby, A.M., English Literature and Oratory.
J. Sterling Kingsley, S.D., Biology.
Frank P. Graves, A.M., Ph.D., Classical Philology.
Charles P. Thayer, M.D., Descriptive and Surgical Anatomy.
Henry W. Dudley, M.D., Pathology,
William R. Chipman, A.B., M.D., Surgery and Operative Surgery.
Walter L. Hall, M.D., Medicine and Clinical Medicine.
John W. Johnson, M.D., Obstetrics.
Frank G. Wheatley, A.M., M.D., Materia Medica and Therapeutics.
Gardner C. Anthony, A. M., Technical Drawing.
Arthur Michael, A.M., Ph.D., Chemistry.
Warren S. Woodbridge, A.M., B.D., Applied Christianity.
Samuel G. Webber, A.B., M.D., Neurology.
E. W. Cushing, A.B., M.D., Gynecol.
Arthur E. Austin, A.B., M.D., Medical Chemistry and Toxicology.
Charles A. Pitkin, A.M., Ph.D., General Chemistry.
Harold Williams, A.B., M.D., Diseases of Children.
John A. Tenny, M.D., Opthalmology.
John L. Hildreth, A.B., M.D., Clinical Medicine.
Anson B. Curtis, Ph.D., Hebrew and Old Testament.
Herbert L. Smith, M.D., Clinical Surgery.
Walter Channing, M.D., Insanity.
Thomas M. Durell, M.D., Medical Jurisprudence.
Frederick L. Jack, M.D., Otology.
Leo R. Lewis, A.M.. History and Theory of Music.
Frank W. Durkee, A.M., Chemistry.
Frank E. Sanborn, S.B., Mechanical Engineering.
Edwin A. Start, A.M., History.
Frank T. Daniels, A.M.B., Civil Engineering.
Horatio W. Myrick, A.M.B., Electrical Engineering.
Thomas Whittemore, A.B., English.
John E. Bucher, A.C., Ph.D., Organic Chemistry.
Frank B. Brown, M.D., Bacteriology and Assistant in Pathology.
William P. Derby, M.D., Gynecology and Assistant in Obstetrics.
Charles G. Cumston, M.D., Gynecology and Asst. in Obstetrics.
Charles St. Clair Wade, A.M., French.
Frank G. Wren, A.B., Mathematics.
Howard H. Higbee, A.B., Ph.D., Quantitative Analysis.
E. Channing Stowell, M.D., Children's Diseases.
Charles C. Stroud, A.B., Physical Training.
E. E. Thorpe, M.D., Medical Chemistry.
Charles L. Cutler, M.D., Gynecology.
Albert E. Rogers, M.D., Materia Medica.
Harry Gray Chase, B.E.E., Electrical Engineering.
Thomas A. Mighill, A.B., Ph.D., Organic Chemistry.
Virgil L. Leighton, A.M., Qualitative Analysis and Assaying.
J. W. Edwards, S.B., General Chem.

Charles D. Knowlton, M.D., Demonstrator of Anatomy.
Richard M. Pearce, Jr., M. D., Demonstrator of Physiology.
Thomas F. Greene, M.D., Assistant Demonstrator of Anatomy.
J. C. D. Clark, M.D., Theory and Practice of Medicine.
George H. Furbish, Superintendent of Shops.
Orlando F. Lewis, A.B., Modern Languages.
H. E. Cushman, A.M., Philosophy.
Howard S. Dearing, M.D., Clinical Medicine.
Herbert W. White, M.D., Clinical Medicine.
Samuel C. Earle, A.M., English Literature.
Mary E. Wellington, Prosector of Anatomy.
Charles A. Hebbard, M.D., Demonstrator of Legal Medicine.
Hairabed S. Djelalian, Gen. Chem.
Fred H. Robinson, Medical Chem.
Henry P. Johnson, Bacteriology.

LECTURERS.

Medical School.

William R. Woodbury, A.B., M.D., Hygiene.
William A. White, M.D., Diseases of Children.
George A. Webster, M.D., Otology.
Fred H. Morse, M.D., Electro-Therapeutics.
Walter J. Otis, M.D., Rectal Diseases.
William S. Boardman, M.D., Laryngology.
Fred S. Raddin, M.D., Genito-Urinary Surgery.
George A. Bates, D.D.S., Histology.

Divinity School.

Henry I. Cushman, D.D., Methods of Biblical Study.
Joseph K. Mason, D.D., Preaching.
Frederic W. Hamilton, A.M., Christian Economics.
Charles R. Tenney, B.D., Demands of Ministry.

TULANE UNIVERSITY.

New Orleans, La. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$105,000	808	72	12	15,000

History and Organization: In 1882 Paul Tulane gave a fund for the higher education of the white citizens of Louisiana. The administrators of the fund prevailed upon the University of Louisiana, which had been in operation since 1878, to unite with the new school. This was done in 1883, when W. P. Johnston, the present president, was elected. A Medical School, dating from 1834, and a Law School, dating from 1847 were added at the same time. The university is governed by a board of seventeen administrators. Negroes are excluded.

Admission, Instruction, and Degrees: Admission is by examination and on the certificates of ten high schools and academies. Classical, literary, scientific and technological courses lead to degrees of A.B., B.S., C.E., M.E., Archt. Eng., Chem. Eng., and to those of A.M., and Ph.D. after graduate study, and further degrees are granted by the professional schools. Attendance at gymnastic drill and chapel is voluntary. The courses and degrees in the H. Sophie Newcomb College for women, are identical with those of the University, and graduates are admitted to the University's graduate courses.

Dues, Scholarships, and Prizes: Tuition for the year, lasting from October 1 to June 18, is $105, while other expenses aggregate $200. Some 175 scholarships, equivalent to tuition, are available, and five medals are also annually distributed.

Equipment: The grounds have a frontage of 582 feet on Audubon Park, and cover eighteen acres. Twelve new buildings have been erected for the College of Arts and Sciences, for physical and chemical laboratories and for technological and mechanical halls. All these buildings are fitted with the most modern equipment, and are among the best in the South.

Societies and Publications: The students publish the "Collegian," a fortnightly; and the "College Spirit," a weekly. The societies are the Glendig Burke, New Literary, Student's Congress, Engineering Society, Sketch Club, Glee, Banjo, and Mandolin Club, Class Associations, Alumni Association, Christian Association, and Athletic Association with football, baseball and track teams, besides tennis clubs and other athletic organizations. Chapters of the following fraternities have been organized: Κ Α, 1886; Σ Χ, 1886; Α Τ Ω, 1887; Σ Ν, 1888; Δ Τ Δ, Φ Δ Θ, 1889; Κ Σ; Φ Κ Σ; Π Β Φ and Θ Ν Ε.

Faculty.

Wm. Preston Johnston, LL.D., Prest.
J. Hanno Deiler, German.
Alcée Fortier, D.Lt., Romance Lang.
Brown Ayres, B.Sc., Ph.D., Physics and Electrical Engineering.
Robert Sharp, M.A., Ph.D., English.
John M. Ordway, A.M., Applied Chem.
Wm. Woodward, Arch't'l Drawing.
Ashley D. Hurt, A.M., LL.D., Greek.
John R. Ficklen, B.Let., History and Political Science.
John W. Caldwell, A.M., M.D., Chemistry and Geology.
Brandt V. B. Dixon, A.M., Psychology and Philosophy, and President H. Sophie Newcomb College.
Henry B. Orr, Ph.D., Biology.
James H. Dillard, M.A., D.Lt., Latin.
Wm. B. Smith, A.M., Ph.D., Math.
W. H. P. Creighton, U.S.N., Mechanical Engineering.
Douglas S. Anderson, A.M., Physics.
John E. Lombard, M.E., Math.
Ellsworth Woodward, Art.
Ulric Bettison, Mathematics.
Evelyn W. Ordway, B.S., Chemistry and Physics.
Jennie C. Nixon, English, Rhetoric.
Marie J. Augustin, French.
Mary L. Harkness, A.M., Latin.
Frederic Wespy, Greek and German.
G. R. Smith, Drawing and Painting.
Emma S. Rossner, Prep. Classes.
Julia C. Logan, English.
Mattie M. Austin, English.
Frank H. Simms, Music.
Kate A. Atkinson, Latin.
Clara G. Baer, Physical Education.
Clarisse Cenas, French.
Mary C. Spencer, Physics and Math.
Mary G. Sheerer, Art Department.
Francis Devereux Jones, Drawing.
A. L. Metz, M.Ph., M.D., Chemistry.
H. S. Lewis, M.D., Phys. Diagnosis.
S. P. Delaup, M.D., A. J. Bloch, M.D., Marion Souchon, M.D., Anatomy.
P. E. Archinard, M.D., Microscopical Anatomy.
O. L. Pothier, M.D., Bacteriology.
J. B. Elliott, Jr., M.D., Physical Diagnosis.
E. D. Fenner, M.D., Children's Diseases.
Luther Sexton, M.D., Minor Surgery.
Edward W. Jones, M.D., Diseases of Eye and Ear.
Isadore Dyer, M.D., Dermatology.
T. A. Quayle, M.Ph., M.D., Pharmaceutical Laboratory.
Robt. D. Hawkins, M.E., Mechanism.
Wm. B. Gregory, M.E., Experimental Engineering.
George E. Beyer, Curator Museum.
Wm. P. Brown, A.M., English, Latin.
Benjamin Palmer Caldwell, A.B., B.E., Chemistry.
Chas. Wm. Edwards, B.S., Math.
Ernest J. Villavaso, A.B., French.
H. F. Rugan, Workshops.
Tudor T. Hall, Physical Laboratory.

ULYSSES S. GRANT UNIVERSITY.

Chattanooga, Tenn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	613	40	——	3,000

East Tennessee Wesleyan College, the predecessor of the Ulysses S. Grant University was established in 1867, on the grounds of the Athens Female College, an institution once owned by the Independent Order of Odd Fellows. In 1886 the name of the school, which in 1869 had assumed the title of university, was changed to Grant Memorial University, in recognition of support received from General Grant. Previous to this and again afterward the institution labored under financial difficulties. The presidents have been: Percival C. Wilson, M.A., 1866–1868; Rev. Nelson E. Cobleigh, D.D., 1868–1872; Rev. James A. Dean, 1872–1875; Rev. John J. Mankee, 1875; Rev. John F. Spence, D.D., 1875–1890; and Bishop I. W. Joyce, LL.D., now in charge.

(*Further Information Lacking.*)

UNION CHRISTIAN COLLEGE.

Merom, Ind. *Co-Educational.* *Christian.*

Income,	Students,	Instructors,	Buildings,	Books,
$7,580	245	13	1	3,400

The college was founded in 1864. It is governed by fifteen trustees, and they are assisted by a women's board of five. Four courses lead to degrees of B.A., B.S., B.Pe., and B.D. The expenses for the year, lasting from September 17 to June 17, are $100. Attendance at chapel is compulsory. The literary societies are the Franklin and Sinconia, two Christian Associations, and an Endeavor Society. The graduates number 150. The oldest of these is J. J. Summer, 1866, of Dayton, Ohio.

Faculty.

Rev. Leander J. Aldrich, A.M., D.D., President, Bible and Literature.
Benjamin F. McHenry, A.M., Mathematics and Natural Science.
S. Elizabeth Hatten, A.M., Greek and German.
Maston S. Wilkinson, A.M., Treasurer, Latin and Civics.
Arthur M. Ward, A.M., English.
Sadie Fairfield, A.B., Drawing and Painting.
Olive M. Stanley, A.B., Piano.
Sina H. Sutton, Matron.
Charles L. Dry, Penmanship.
Charles E. Hayden, Violin and Guitar.
John Sempsrott, Vocal Music.
Clara P. Aldrich, Elocution.
L. C. Phillips, Librarian.

UNION UNIVERSITY.

Schenectady, N. Y. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$75,229	500	85	22	30,736

History: Union College was incorporated by the Regents of the University of the State of New York, in 1795. It was the second college incorporated in the State, and the first north of the city of New York and west of the Hudson River. It received its name from the circumstance that several religious denominations co-operated in its organization, and was the first college in the United States which was not of a strictly denominational character. The presidents have been: Rev. John Blair Smith, 1795–1799; Jonathan Edwards, Jr., 1799–1801; Rev. Jonathan Maxey, 1801–1804; Rev. Eliphalet Nott, 1804–1866; Rev. Laurens P. Hickok, 1866–1868; Rev. Charles A. Aiken, 1869–1871; Rev. Eliphalet Nott Potter, 1871–1884; Hon. Judson S. Landon, LL.D., *ad interim;* Harrison E. Webster, LL.D., 1888–1894; and Rev. A. V. V. Raymond, D.D., LL.D., who was inaugurated in June, 1894.

Union College by its original charter, acquired full university powers, but the creation of graduate institutions at Schenectady was not found practicable for a while. The schools of Law and Medicine, and the astronomical observatory which had long existed at Albany, were united with Union College, under the charter and Board of Trustees of the latter, in 1873. The Albany College of Pharmacy was incorporated as a department of the University in 1881. The hundredth anniversary was celebrated in 1895.

Organization: Union University embraces the following institutions: Union College, Albany Medical College, Albany Law School, Dudley Observatory, Albany College of Pharmacy. The president of Union College and permanent chancellor of Union University has the oversight of the university, each of the institutions having its resident dean. The dean of Union College acts in the place of the president in his absence, and also assists him in matters delegated to him by the president. The University Board of Governors is composed of sixteen permanent trustees of Union College, and of representatives of each of the other institutions embraced in Union University.

Admission, Instruction, Degrees: Admission is by examination for all candidates, including those from other colleges, and excepting only those holding certificates from the State University, or full university diplomas. The classical course, leading to the degree of B.A., is largely elective after the second year; the philosophical course omits only the study of Greek; the scientific course substitutes modern for ancient languages, and the engineering courses, while including the modern languages, substitute engineering and technological courses for all other studies. Besides the degrees of B.A., B.S., B.Ph., the degrees of C.E., and M.A. are conferred after one year of graduate study.

Dues, Scholarships, and Prizes: The expenses for the year, lasting from September 19 to June 27, are $300, of which $75 is for tuition. Ten free scholarships are available, besides a number of half-scholarships and thirteen scholarships of $150 each. In addition to this, the income of $50,000 is devoted toward aiding poor students. The interest of $1,000 is given annually for the best essay in English, while many prizes, from $10 to $50, are annually distributed in the various departments.

Equipment: Among the twenty-two college buildings, which are distributed through Schenectady and Albany, are a library, containing fifty thousand books and pamphlets; a natural history museum, containing collections of zoölogy, botany, mineralogy, and geology; a gymnasium; and an astronomical observatory. The college grounds cover fifty acres.

Societies and Organization: The students publish the "Garnet," "Union," and "Concordiensis." The societies are the Key and Coffin, Philomathean, Adelphic, Shakespeare Club, Musical Association (with mandolin, guitar, and banjo clubs), Republican Club, Christian Association, and Athletic Association, with baseball, football and track teams. Chapters of the following fraternities have been organized: Φ B K, 1825; Σ Φ, Δ Φ, 1827; Ψ Υ, 1833; Δ Υ, 1838; X Ψ, 1841–1877; Θ Δ X, 1847–1869; Z Ψ, 1857–1873; Δ K E, 1857–1869; A Δ Φ, 1859; B Θ Π, 1881; Φ Δ Θ, 1883; Φ Δ Φ, 1884, Φ Σ K, 1888; K A; Φ Γ Δ; Θ N E; Σ X.

The graduates number 5,000, of whom 2,800 are living. The oldest of these is Thomas Hun, M.D., 1826, of Albany, N. Y.

Faculty.

Andrew V. V. Raymond, D.D., LL.D., President.
Thos. Hun, M.D., LL.D., Emeritus, Dean Medical Faculty.
John Foster, LL.D., Emeritus.
Henry Whitehorne, LL.D., Greek.
Hon. Wm. L. Learned, LL.D., Trial of Causes.
Wm. Wells, Ph.D., LL.D., Modern Languages and Current History.
Maurice Perkins, A.M., M.D., Analytical Chemistry.
Hon. Matthew Hale, LL.D., Professional Ethics.
Albert Vander Veer, M.D., Ph.D., Didactic and Clinical Surgery.
John M. Bigelow, M.D., Ph.D., Materia Medica, Therapeutics, Throat and Nose.
Hon. Judson S. Landon, LL.D., Constitutional Law.
Willis G. Tucker, Ph.D., F.C.S., Chemistry and Toxicology.
William Hailes, M.D., Anatomy, Histology, and Fractures.
Lewis Balch, M.D., Ph.D., Emeritus.
S. B. Ward, M.D., Ph.D., Medicine.
James P. Boyd, M.D., Gynecology and Children's Diseases.
Cyrus S. Merrill, M.D., Ophthalmology and Otology.
Sidney G. Ashmore, A.M., L.H.D., Latin.
Fred. C. Curtis, M.D., Dermatology.
Gustavus Michaelis, Ph.G., Pharmacy.
Lewis Boss, A.M., Observatory.
Alfred B. Huested, M.D., Ph.G., Botany and Materia Medica.
Henry Hun, M.D., Nervous Diseases.
Samuel R. Morrow, M.D., Anatomy and Foot Surgery.
Jas. R. Truax, A.M., Ph.D., English.
Thomas W. Wright, A.M., Ph.D., Mathematics and Physics.
Frank S. Hoffman, A.M., Philosophy.
James W. Eaton, Evidence, Contracts.
Benjamin H. Ripton, A.M., Ph.D., Dean, History and Sociology.
Hon. Alton B. Parker, Judicial Systems.
Chas. A. Collin, A.M., N. Y. Statutes.
Olin H. Landreth, A.M., C.E., Civil Engineering.

Herman Camp Gordinier, M.D., Physiology.
J. Newton Fiero, Dean of Law School, Procedure, Equity, and Torts.
Eugene Burlingame, Criminal Law.
James F. Tracey, Corporation Law.
James L. Patterson, Sc.D., Math.
Wendell Lamoroux, A.M., Librarian.
James H. Stoller, A.M., Biology.
Edward E. Hale, Jr., Ph.D., Rhetoric and Logic.
Charles S. Prosser, M.S., Geology.
Joseph A. Lawson, Property Laws.
Hon. Chas. Andrews, Lecturer on Law.
Hon. D. Cady Herrick, Municipal Corporations.
Edwin H. Winans, A.B., Math.
Frank P. Huested, Ph.G., Pharmacy.
Albert H. Pepper, A.M., Mod. Lang.
Samuel B. Howe, A.M., Ph.D., Principal Union School.
Joseph D. Craig, M.D., Anatomy.
Howard Van Rensselaer, M.D., Materia Medica and Chest Diseases.
Willis G. MacDonald, M.D., Surgery.
Herman Bendell, M.D., Otology.
Ezra Albert Bartlett, M.D., Electro-Therapeutics.
G. Alder Blumer, M.D., Insanity.
Theodore C. Van Allen, M.D., Ophthalmology.
Andrew MacFarlane, M.D., Physical Diagnosis, Medical Jurisprudence.
Clinton Bradford Herrick, M.D., Clinical Surgery.
Homer P. Cumings, C.E., Civil Engineering.
Howard T. Mosher, A.B., French.
Arthur Jay Roy, C.E., Astronomy.
C. P. Linhart, M.D., Physiology and Gymnastics.
George V. Edwards, A.M., Latin and Sanskrit.
Howard Opdyke, A.B., Mathematics and Physics.
Elton D. Walker, B.S., Engineering.
John I. Bennett, A.M., Greek.
Edward J. Wheeler, A.B., Chemistry.
Frank Richardson, Ph.G., Materia Medica.
Leo. H. Neuman, M.D., Medicine.
George E. Lochner, M.D., Obstetrics.
Edw. J. Wheeler, Ph.D., Chemistry.
Arthur G. Root, M.D., Diseases of Throat and Nose.
Theodore Prudden Bailey, M.D., Dermatology.
Edw. V. Colbert, M.D., Therapeutics.
Charles Henry Moore, M.D., Opthalmology and Otology.
Charles E. Davis, M.D., Physiology and Hygiene.
George A. Williams, M.D., Materia Medica and Chest Diseases.
Thomas W. Jenkins, M.D., Histology and Anatomy.
Thomas A. Ryan, M.D., Surgery.
Wm. Grant Lewis, M.D., Neurology.
Wilfred S. Hale, M.D., Anatomy.
Jos. B. Swett, Jr., M.D., Obstetrics.
Wm. B. Varnum, A.B., Astronomy.
Wm. P. Reeves, A.M., Ph.D., Rhet.
Kenneth McKenzie, A.M., Ph.D., Modern Languages.
Albert F. Buck, A.M., Philosophy and English.

UNITED STATES MILITARY ACADEMY.

West Point, N. Y. *Men.* *Non-Sectarian.*

Income,	Cadets,	Instructors,	Buildings,	Books,
$464,261	322	64	8	38,203

History: The United States Military Academy was established by an Act of Congress in 1802, and was augmented under a subsequent Act of Congress in 1812. Its location is permanent, and the academic course was never suspended. The Long Barracks, known as the Yellow Barracks, were destroyed by fire on Christmas day, 1827. The same fate overtook the academy on February 19, 1838; the

Cadet Guard House, (store room), on March 13, 1870, and the roof of the Cadet Barracks on February 5, 1871.

The superintendents have been: Maj. Jonathan Williams, 1802–1803; Lieut.-Col. Jonathan Williams, 1805–1812; Col. Joseph G. Swift, 1812–1817; Bvt. Maj. Sylvanus Thayer, 1817–1833; Maj. René E. DeRussy, 1833–1838; Maj. Richard Delafield, 1838–1845; Capt. Henry Brewerton, 1845–1852; Bvt. Col. Robert E. Lee, 1852–1855; Bvt. Major John G. Barnard, 1855–1856; Maj. R. Delafield, (second term), 1856–1861; Maj. Alexander H. Bowman, 1861–1864; Brig.-Gen. Z. B. Tower, 1864; Brig.-Gen. George W. Cullum, 1864–1868; Bvt. Brig.-Gen. Thomas G. Pitcher, 1866–1871; Bvt. Brig.-Gen. Thomas H. Ruger, 1871–1876; Maj. Gen. John M. Schofield, 1876–1881; Bvt. Maj.-Gen. Oliver O. Howard, U. S. A., 1881–1882; Bvt. Maj.-Gen. Wesley Merritt, 1882–1887; Bvt. Maj.-Gen. John G. Parke, 1887-1889; Lieut. Col. John M. Wilson, U. S. A., 1889–1893; Lieut. Col. Oswald H. Ernst, 1893 to the present.

Organization: The academy is supported by the United States, and comes under the direct supervision of the Secretary of War and a board of twelve visitors appointed by the President of the United States and by Congress. Officers are detailed from their regiments to teach at the academy, and after ten years of such service have the assimilated rank of colonel. Cadets are made commissioned and non-commissioned battalion officers on the ground of merit, and are divided into four classes, the youngest cadets forming the fourth class. The teaching staff is divided into a military staff and academic staff, which in turn is divided into ten departments of philosophy, drawing, mathematics, sciences, tactics, modern languages, civil and military engineering, gunnery and ordinance.

Admission is by examination after appointment by the President of the United States. The curriculum is that of the best colleges in addition to military training. Attendance at chapel is compulsory.

Equipment: Among the buildings which pertain directly to the Academic features of the place, are the Academy Building, Cadet Barracks, Cadet Mess Hall, Cadet Chapel, Officers Mess, Library Building, Administration Building, Gymnasium, Riding Academy and Cadet Hospital. The area of levelled and improved drill grounds is about forty acres. The area of the entire military reservation is 2,500 acres.

Societies and Publications: The only publication of the academy is the official "Register of Officers and Cadets" published annually. "The Howitzer" is a humorous pamphlet, published annually by the cadets for private distribution. There are no secret societies, but the cadets maintain a branch of the Y. M. C. A., an Athletic Association, with football and baseball teams, and a Dialectic Society.

Staff.

Lieut.-Col. O. H. Ernst, Supt.
Capt. Wilber E. Wilder, Post Adjutant.
Capt. Wm. F. Spurgin, Treasurer and Commissary.
Capt. John B. Bellinger, Quartermaster.
Lieut. Barrington K. West, Commissary and Treasurer.
Lieut. Wm. Weigel, Officer of Police.
Maj. G. H. Torney, Surgeon.
Capt. Chas. F. Mason, Assist. Surgeon.
Capt. Chas. Willcox, Assist. Surgeon.

Peter S. Michie, Capt. William B. Gordon, Lieut. Samuel E. Allen, Lieut. Lucien G. Berry, Lieut. Samuel D. Freeman, Philosophy.
Chas. W. Larned, Lieut. Austin H. Brown, Lieut. Chas. B. Hagadorn, Lieut. Horace M. Reeve, Drawing.
Edgar W. Bass, Wright P. Edgerton, Lieut. Daniel B. Devore, Lieut. Chas. P. Echols, Lieut. Wm. M. Cruikshank, Lieut. John H. Rice, Mathematics.
Samuel E. Tillman, Lieut. Richmond P. Davis, Lieut. Edgar Russel, Lieut. Palmer E. Pierce, Lieut. Wm. R. Smith, Sciences.
Lieut.-Col. Samuel M. Mills, Commandant of Cadets.
Capt. James Parker, Cavalry.
Lieut. Alexander B. Dyer, Artillery.
Lieut. G. Adams, Co. Commandant.
Lieut. Wilds P. Richardson, Infantry.
Lieut. Wm. H. Allaire, Lieut. Willard A. Holbrook, Lieut. Robt. L. Howze, Company Commandants.
Lieut. Matthew C. Butler, Jr., Cavalry.
Edward E. Wood, Lieut. Peter E. Traub, Lieut. Marcus D. Cronin, Lieut. Samuel C. Hazzard, Lieut. Edward B. Cassatt, Modern Languages.
Lieut.-Col. G. B. Davis, Lieut. Jas. A. Cole, Lieut. Walter A. Bethel, Law.
Gustav J. Fiebeger, Capt. James L. Lusk, Lieut. Thos. H. Rees, Lieut. Francis R. Shunk, Lieut. E. Eveleth Winslow, Lieut. Jay J. Morrow, Engineering.
Capt. Lawrence L. Bruff, Lieut. Edwin B. Babbitt, Lieut. Henry D. Todd, Jr., Ordnance and Gunnery.
Rev. Herbert Shipman, Chaplain.
Herman J. Koehler, Master of Sword.
George Essigke, Music.

UNITED STATES NAVAL ACADEMY.

Annapolis, Md. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$200,000	245	70	66	35,235

History: The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the Administration of President James K. Polk. It was formally opened on October 10th of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up by the war department for the purpose. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of thirty-six midshipmen of the date of 1840, who were preparing for the examination for promotion; thirteen of the date of 1841, who were to remain until drafted for service at sea; and seven acting midshipmen, appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In 1850 the system of instruction was reorganized, a practice cruise supplying the place of three years of sea-service, thus reducing the course from six years to four. In May, 1861, on the outbreak of

war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea, and the remaining midshipmen were quartered in the Atlantic House, and on board the frigates "Constitution" and "Santee," while the academy itself was occupied by Federal troops. In the summer of 1865 the academy was moved back to Annapolis, where it has since remained. When the Bureau of Navigation was established in 1862 the academy was placed under its supervision. In 1867 it was put under the direct care of the Naval Department, — all details of administration still coming under the Bureau of Navigation. The term of the academic course in 1873, was changed by law from four to six years.

The superintendents have been: Comm. Franklin Buchanan, 1845–1847; Comm. George P. Upshur, 1847–1850; Comm. Cornelius K. Stribling, 1850–1853; Comm. Louis M. Goldsborough, 1853–1857; Capt. George S. Blake, 1857–1865; Rear-Ad. David D. Porter, 1865–1869; Com. John L. Worden, 1870–1874; Rear-Ad. C. R. P. Rodgers, 1874–1878; Com. Foxhall A. Parker, 1878–1879; Rear-Ad. George B. Balch, 1879–1881; Rear-Ad. C. R. P. Rodgers, 1881; Capt. F. M. Ramsay, 1881–1886; Comm. W. T. Sampson, 1886–1890; Capt. R. L. Phythian, 1890–1894; Capt. P. H. Cooper, 1894 until the present.

Organization: The academy, as stated, is under the direct control of the Secretary of the Navy and the Navigation Bureau. In addition to this there is a board of twelve visitors, consisting in part of congressmen. The teaching staff is divided into departments of discipline, seamanship, ordnance, navigation, steam-engineering, mechanics, physics, mathematics, English, languages, drawing, and physical training.

Admission, Discipline, etc.: Candidates for admission are appointed from each congressional district and at large, and must be within the age limit of fifteen and twenty years. Admission is by examination. Negroes are not excluded. Two courses of instruction are now given, the one for cadet midshipmen, the other for cadet engineers, each of four years. All undergraduates are designated as naval cadets. Attendance at chapel is compulsory for all. Cadets are promoted to the rank of cadet officers for merit.

Equipment: The grounds of the academy, called the campus, cover ninety acres. Among the sixty-six buildings are the commandant's house, a chapel, gymnasium, and other structures worthy of note. The United States practice-ship, used by the cadets for their summer cruises, is the "Bancroft," and the "Monongahela" has been used for similar purposes. In the last academic year Congress appropriated $199,618.45.

Societies and Publications: The cadets publish "Shakings and Etchings," "Fag Ends," "Junk," and the "Lucky Bag." Among the societies are a branch of the Y. M. C. A., a boat club, football eleven and baseball nine.

Staff.

Capt. P. H. Cooper, Superintendent.
Lieut.-Comm. A. Ross, Asst. Supt.
Lieut. W. P. Potter, Secretary.
Comm. W. H. Brownson, Lieut. C. E. Colahan, Lieut. T. Porter, Lieut. D. Daniels, Lieut. P. W. Hourigan, Discipline.

Lieut.-Comm. W. T. Swinburne, Lt. F. E. Beatty, Lt. R. M. Doyle, Lt. DeWitt Coffman, Seamanship.
Lieut. Alexander McCrackin, Supt., Lieut. J. H. Glennon, Lieut. J. M. Ellicott, Ensign E. Moale, Jr., Ordnance.

A. J. Corbesier, Sword Master.
J. B. Retz, G. Heintz, Assistant Sword Masters.
Lieut. Comm. B. F. Tilley, Lieut. J. A. Norris, Lieut. C. J. Boush, Lieut. John Gibson, Navigation.
C. W. Rae, F. H. Eldridge, F. W. Bartlett, L. D. Miner, H. W. Jones, H. O. Stickney, Steam Engineering.
Lieut.-Comm. Chas. Belknap, Lieut. M. L. Wood, Lieut. W. H. Allen, Lieut. J. M. Orchard, Lieut. Harry Phelps, W. W. Johnson, A.M., Mechanics.
N. M. Terry, A.M., Ph.D., Lieut. T. B. Howard, Lieut. J. E. Craven, Lieut. J. A. Hoogewerff, Ensign J. W. Oman, Paul J. Dashiell, Ph.D., Physics.
Lieut. G. P. Colvocoresses. Supt., Ensign A. B. Hoff, C. F. Blauvelt, Drawing.
Comm. Asa Walker, Lieut. A. W. Grant, Lieut. H. G. Dresel, Ensign A. H. Robertson, Ensign L. H. Chandler, Ensign W. V. Pratt, Ensign G. R. Marvell, Mathematics.
Lieut.-Comm. Perry Garst, Lieut. E. B. Underwood, Lieut. J. P. Parker. Lieut. G. R. Clark, Ensign E. W. Eberle, Ensign E. H. Durell, Ensign F. B. Bassett, W. W. Fay, A.M., A. N. Brown, English.
Lieut. G. L. Dyer, Supt., Lieut. T. Snowden, Ensign B. F. Hutchison, Jules Leroux, Henri Marion, Samuel Gardner, Ph.D., P. J. des Garennes, A.M., Languages.
Henry G. Beyer, M.D., Ph.D., Matthew Strohm, Physical Training.
Lieut.-Comm. U. Sebree, in Charge of Ships.
T. C. Walton, M.D., Med. Director.
W. R. Du Bose, M.D., Surgeon.
S. S. White, M.D., A. M. D. McCormick, M.D., Passed Asst. Surgeons.
T. T. Caswell, Pay Officer.
W. Goldsborough, Pay Director and General Commissary.
A. L. Royce, Chaplain.
M. Oliver, U.S.N., Librarian.
J. M. Spencer, Assistant Librarian.
R. M. Chase, Secretary.
A. A. Phelps, Gunner.
J. S. Sinclair, Boatswain.
C. J. Murphy, W. G. Smith, Mates.
Lieut.-Col. McLane Tilton, Capt. J. M. T. Young, Lieut. C. A. Doyen, Lieut. C.F. Macklin, Marine Officers.

UNIVERSITY OF ALABAMA.

University, Tusc. Co., Ala. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$26,000	185	25	6	12,000

Organization: The university was founded in 1831. It is governed by nine trustees and consists of an academic department embracing eleven schools and a professional department of three law schools. In the academic department five courses of study are offered: classical, literary, scientific, civil, and mining engineering, leading to degrees of B.A., B.S., B.L., C.E., and Min.Eng. with LL.B. in the Law School. Master's degrees are given after one year's resident study. Admission is by examination, except for students from the university's auxiliary schools. Male candidates must be at least sixteen years old, while women must be at least eighteen, and must be prepared to enter the sophomore class. To candidates for Bachelor of Science, the study of Latin is optional. Candidates for Min. Eng. and Civil Eng. do not take Latin or Greek; but scientific students may take the civil or mining engineering course, at the end of the freshman or sophomore year. Attendance at chapel and military drill is compulsory for all undergraduates. The only fee charged is an incidental one of

$15 a year for residents of Alabama. Others pay $40 for the year lasting from the first Wednesday in October to the middle of June. There are post-graduate scholarships, one in mineralogy, geology, and chemistry; one in Latin, Greek, and modern languages; one in English, history and philosophy; one in mathematics and physics; and one in civil and mining engineering which entitle the holder to instruction in any school except that of law, free of all cost for board, lights, fuel, and attendance for one year.

Equipment: The college buildings, consisting of Alva Woods, Manley, Clark, Garland, Tuomey and Barnard halls, surround the university quadrangle. The auditorium in Clark Hall accommodates fifteen hundred persons. A gymnasium and armory, with neighboring athletic grounds, provide for physical exercise. The natural history museum in Garland Hall contains good collections of the geology and birds of Alabama.

Societies and Publications: The students publish the "Crimson-White," a weekly, and besides two literary societies, maintain two Christian Associations, an Alumni Society (providing for poor students), and an Athletic Association, with baseball and track teams, as well as a Tennis Club. Chapters of the following fraternities have been organized: Φ B K, 1847; Δ K E, 1847; A Δ Φ, 1851–1856; Φ Γ Δ, 1855–1878; Σ A E, 1856; K Σ, 1867–1869; Σ N, 1874; Φ Δ Θ, 1877; Σ X, 1876–1878; A T Ω, 1885; and K A, 1885.

The graduates since the foundation of the college number nearly 1,500, of whom J. B. Read, M.D., 1834, of Tuscaloosa, Ala., is the oldest.

Faculty.

Richard C. Jones, LL.D., President, Constitutional Law.
William S. Wyman, LL.D., Latin.
Benjamin F. Meek, LL.D., English.
Wm. A. Parker, LL.D., Mod. Lang.
Eugene A. Smith, Ph.D., Geology.
Thomas C. McCorvey, M.A., LL.B., History and Philosophy.
John C. Calhoun, M.A., Greek, Latin.
Robert A. Hardaway, M.A., C.E., Civil Engineering.
Thomas W. Palmer, M.A., Math.
George M. Edgar, LL.D., Astronomy.
James M. Pickel, Ph.D., Chemistry.
Amelia G. Gorgas, Librarian.
S. Van De Graaff, B.A., LL.B., Law.
Ormond Somerville, B.A., LL.B., Law.
William G. Somerville, M.A., M.D., Hygiene.
Jas. Baylies, U.S.A., Military Tactics.
Eli Abbott, B.S., Gymnastics.
C. H. Coleman, Civil Engineering.
P. H. Brothers, A.B., Post Adjutant.
W. H. Payne, A.B., Law Librarian.
G. T. Edgar, A.B., Chem. Laboratory.
Henry McCalley, M.A., Geology.

UNIVERSITY OF ARIZONA.

Tucson, Arizona. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
——	100	16	5	2,000

The University of Arizona was created by a territorial act of 18[illegible] providing for a board of six regents, of whom the governor a[illegible]

superintendent of instruction of the state are *ex officio* members. Building began in 1887, and the first instruction was given in 1891.

The university is situated on high ground covering some forty acres, near the mountains, one mile from Tucson. Admission is by examination and on certificate. Candidates must be sixteen years old. Five courses in collegiate branches, science, engineering, metallurgy, and agriculture lead to the degree of B.S. Degrees of A.M., M.S., C.E., M.E., E.E., and Irrg.E. are given to graduates after one year of resident study. Attendance at military drill is compulsory for all male students during the first year, but not so attendance at chapel. Tuition is free, but a matriculation fee of $5 is charged. Other expenses aggregate from $150 to $200 for the year, lasting from September 24 to June 2.

The library contains 2,000 books, of which 1,200 deal with science. An agricultural experiment station has been established with two chemical laboratories, and a museum containing biological, botanical, entomological, and mineralogical specimens. One of the best-equipped departments of the university is the School of Mines. The students maintain the Philomathean Literary Society.

Faculty.

Howard Billman, A.M., President, Civics.
Wm. P. Blake, Ph.B., A.M., Geology, School of Mines.
James W. Toumey, B.S., Biology.
Edward M. Boggs, Engineering, Commandant.
H. J. Hall, A.B., English, Librarian.
George L. Hoxie, M.E., Mechanics.
Robert H. Forbes, B.S., Chemistry.
Wm. S. Devol, B.Agr., Agriculture.
John A. Rockfellow, A.M., Math.
Gertrude B. Hughes, English Branches.
Annie G. Rockfellow, Preparatory.
Montford Mendenhall, Stenography.
José E. del Castillo, Music.
Herbert Brown, Museum.
Mrs. S. A. Buell, Matron.

UNIVERSITY OF CALIFORNIA.

Berkeley, Cal. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$285,237	2,400	235	——	65,000

History: The university was instituted by a law which received the approval of the governor March 23, 1868. Instruction was begun in Oakland in the autumn of 1869. The commencement exercises of 1873 were held at Berkeley, July 16, when the university was formally transferred to its permanent home. Instruction began at Berkeley in the autumn of 1873. The new constitution of 1879 made the existing organization of the university perpetual.

The College of California, which had been organized several years before the university, transferred its property and students upon terms which were mutually agreed upon, and closed its work of instruction in 1869. It had been incorporated in 1855, and through its agency a part of the Oakland property of the university and the

Berkeley site now owned and occupied by the latter, were secured — a domain of about two hundred and fifty acres, situated on the slope of the Contra Costa hills, about five miles from Oakland, facing the Golden Gate.

The undergraduate colleges were the only ones actually included in the original organization, although the Organic Act contemplated the establishment of Colleges of Law and Medicine. The professional colleges in San Francisco have been added from time to time. The Lick Observatory was formally transferred to the university in June, 1888; the Mark Hopkins Institute of Art, in 1893.

Organization: The university comprises the following departments: College of Letters, College of Social Sciences, College of Natural Sciences, College of Agriculture, College of Mechanics, College of Mining, College of Civil Engineering, College of Chemistry, Lick Astronomical Department, Mark Hopkins Institute of Art, Hastings College of Law, Medical Department, Post-graduate Medical Department, College of Dentistry and California College of Pharmacy.

The government and financial management of the university is intrusted to the regents, consisting of the governor, the lieutenant-governor, the speaker of the Assembly, the State Superintendent of Public Instruction, the president of the State Agricultural Society, the president of the Mechanics' Institute of San Francisco, and the president of the university, as members *ex officio*, and sixteen other regents appointed by the governor and approved by the senate.

The instruction and government of the students are intrusted to the several faculties and to the Academic Senate. The Senate consists of the members of the faculties and the instructors of the university. It holds regular meetings twice a year, and is created for the purpose of conducting the general administration of the university, memorializing the board of regents, regulating in the first instance the general and special courses of instruction, and receiving and determining all appeals from acts of discipline enforced by the faculty of any college.

The Academic Council is composed of the president and the professors and instructors in the College of Letters and the Colleges of the Sciences, the president and professors alone having the right to vote in its transactions. The president of the University is *ex officio* chairman, and the recorder, secretary. It regulates provisionally, or supervises, such matters as are not reserved by law to the separate faculties at Berkeley, but in which they are all concerned.

The Professional Council is composed of the president of the university and two members of each of the faculties of Law, Medicine, Dentistry, and Pharmacy, elected annually by these faculties, respectively. Of this committee, the president of the university is *ex officio* chairman, the secretary being elected from its own number. It regulates provisionally, or supervises those matters in which these colleges are all concerned; it also considers the wants of any or all of these colleges, and makes recommendations concerning the same to the Academic Senate.

The editorial committee, consists of the president of the university, as chairman *ex officio* and two professors in the College of Letters, elected annually by the Academic Council. This committee has editorial charge of the "Register" and such other publications con-

cerning courses of instruction and like matters as are from time to time authorized by the Academic Council or by the Senate.

In all matters not expressly delegated to the Senate or to the several faculties, the Board of Regents governs, either directly or through the president or secretary.

Admission, Instruction, Degrees: Admission is by examination and on the certificates of forty-eight accredited schools. The curricula of the various departments lead to degrees of B.A., B.L., B.S., A.M., C.E., D.D.S., D.V.S., LL.B., A.M., M.L., M.S., M.E., M.D., Met.E., Min.E., Ph.G., Ph.B., and Ph.D.

Dues, Scholarships, and Prizes: Tuition in the colleges and at the observatory is free, with only incidental expenses and inevitable charges at the special schools. Six fellowships of $600, two of $500, two of $200; eleven scholarships of $300, eight of which are for women, and several loan funds are annually available. In addition to these many gold and silver medals are annually distributed for excellence in specified studies.

Equipment: The endowments on which the College of Letters and the Colleges of the Sciences have been founded and maintained are the following: The Seminary Fund and Public Building Fund, granted to the state by Congress; the property received from the College of California, including the site at Berkeley; the fund derived from the Congressional Land Grant of July 2, 1862; the Tide Land Fund, appropriated by the State; various appropriations by the State Legislature for specified purposes; the State University Fund, which is a perpetual endowment derived from a State tax of one cent on each $100 of assessed valuation; the Endowment Fund of the Lick Astronomical Department; the United States Experiment Station Fund of $15,000 a year; the Morrill College Aid Fund, yielding in the current year $20,000; and the gifts of individuals. The Colleges of Medicine, Dentistry, and Pharmacy are supported by fees from students; the College of the Law and the Mark Hopkins Institute of Art have separate endowments. The general library contains 60,000 volumes, and has the income from $50,000 annually. Besides collections of ethnology, botany, zoölogy, paleontology, geology, mineralogy, petography, soils, seeds, and models, the university has a gallery of fine arts, and a museum of classical archæology. Extensive laboratories including a botanical garden, conservatory, students' observatory, the famous Lick Observatory and others have been equipped by the various departments. Experiment stations are maintained at the Berkeley, Jackson, Paso-Robles, Tulare, between Chino and Pomona, Santa Monica, and the San Josea Mission. A gymnasium was presented to the university by A. K. P. Harmon.

Societies and Publications: Besides eighteen publications and bulletins issued by the university, the "Blue and Gold," with other publications is issued by the students. They also maintain among numerous other social, literary and religious associations, several athletic associations, with football, baseball, lacrosse, and track teams. Chapters of the following fraternities have been organized: Ζ Ψ, 1870; Φ Δ Θ, 1873; Χ Φ, 1875; Δ Κ Ε, 1876; Β Θ Π, 1879; Κ Κ Γ, 1880–1884; Φ Γ Δ, 1882; Φ Δ Φ, 1883; Σ Χ, 1886; and Κ Α Θ, 1890.

The graduates number nearly 3,000, of whom 2,500 are living.

Faculty.

Martin Kellogg, A.M., LL.D., Pres.
John Harmon C. Bonté, A.M., D.D., Legal Ethics.
Joseph LeConte, A.M., M.D., LL.D., Geology and Natural History.
F. Soulé, Civ. Engineering and Astron.
Stephen J. Field, LL.D., Law.
Willard B. Rising, A.M., M.E., Ph.D., Chemistry.
George Davidson, Ph.D., Sc.D., Geodesy and Astronomy.
R. B. Cole, A.M., M.D., M.R.C.S., Obstetrics and Gynecology.
George C. Edwards, Ph.B., Math.
Albin Putzker, A.M., German.
Eugene W. Hilgard, Ph.D., LL.D., Agriculture.
Samuel B. Christy, Ph.B., Mining and Metallurgy.
Frederick Slate, B.S., Physics.
Frederick G. Hesse, Mechanical Engineering.
Bernard Moses, Ph.D., History and Political Economy.
Wm. C. Jones, A.M., Jurisprudence.
William T. Wenzel, M.D., Ph.M., Chemistry.
Robert A. McLean, M.D., Clinical and Operative Surgery.
G. A. Shurtleff, M.D., Emeritus.
William F. McNutt, M.D., M.R.C.P., Diseases of Heart and Kidneys.
Edmund O'Neill, Ph.B., Chemistry.
Edward J. Wickson, A.M., Agriculture, etc.
Hans H. Behr, M.D., Emeritus.
William M. Searby, Materia Medica.
William E. Taylor, M.D., Surgery.
Clark L. Goddard, A.M., D.D.S., Orthodontia.
Abraham L. Lengfeld, M.D., Chemistry and Metallurgy.
Irving Stringham, Ph.D., Math.
Edward Lee Greene, Ph.B., Botany.
Cornelius B. Bradley, A.M., Rhetoric.
William B. Lewitt, M.D., Anatomy.
Benjamin R. Swan, M.D., Diseases of Children.
George H. Howison, A.M., LL.D., Intellectual and Moral Philosophy.
Luis L. Dunbar, D.D.S., Operative Dentistry, etc.
Maurice J. Sullivan, D.D.S., Dental Pathology.
Charles W. Slack, Ph.B., LL.B., Law.
Herman Kower, C.E., Instrumental Drawing.
Edward S. Holden, A.M. LL.D., Lick Observatory and Astronomer.
George H. Powers, A.M., M.D., Opthalmology, etc.
Joachim H. Senger, Ph.D., German.
William W. Kerr, A.M., M.B., Clinical Medicine.
Félicien V. Paget, French and Spanish.
Arnold A. D'Ancona, A.B., M.D., Physiology and Microscopy.
Thomas R. Bacon, A.B., B.D., European History.
Elisha W. McKinstry, LL.D., Law.
William D. Armes, Ph.B, English.
Douglass W. Montgomery, M.D., Histology and Pathology, etc.
George M. Richardson, Ph.D., Classical Archæology.
Charles M. Gayley, A.B., English.
Mellen W. Haskell, Ph.D., Math.
Armin O. Leuschner, A.B., Astronomy and Geodesy.
Alexis F. Lange, Ph.D., English.
Andrew C. Lawson, Ph.D. Geology.
Henry I. Randall, B.S., Civil Engineering.
Isaac Flagg, Ph.D., Classical Philology.
Washington Dodge, M.D., Therapeutics and Medicine.
John M. Williamson, M.D., Anatomy.
J. J. B. Argenti, Ph.G., Botany, etc.
Robert H. Loughridge, Ph.D., Agricultural Geology and Chemistry.
Charles W. Woodworth, M.S., Entomology.
Walter E. Magee, Physical Culture.
William J. Raymond, B.S., Physics.
William E. Ritter, M.A., Biology.
Samuel D. Huntington, A.B., French.
Leon J. Richardson, A.B., Latin.
Marshal A. Howe, Ph.B., Cryptogamic Botany.
Joseph C. Rowell, A.B., Librarian.
John W. Robertson, A.B., M.D., Insanity and Medical Law.
John M. Schaeberle, M.S., C.E., Astronomer.
Edward E. Barnard, A.M., Sc.D., Astronomer.
Wm. W. Campbell, P.S., Astronomer.
Harold Whiting, Ph.D., Physics.
Myer E. Jaffa, Ph.B., Agr. Laboratory.

George E. Colby, Ph.B., Viticultural Laboratory.
Frank H. Payne, M.D., Physical Culture.
Elmer Reginald Drew, B.S., Physics.
William E. Hopkins, M.D., Opthalmology.
Elmer E. Brown, Ph.D., Teaching.
Louis Du Pont Syle, A.M., English.
Franklin T. Green, Ph.G., Director of Laboratory.
Fred Emory Haynes, Ph.D., U.S. Hist.
Louis Bazet, M.D., Genito-Urinary Surgery.
Edward S. Clark, M.D., Otology.
Frederick W. D'Evelyn, M.B., C.M., Pediatrics.
Charles A. von Hoffmann, M.D., Gynecology, etc.
Henry Kreutzmann, M.D., Gynecology and Obstetrics.
Martin Regensburger, M.D., Dermatology, etc.
Harry M. Sherman, A.M., M.D., Orthopedic Surgery.
George F. Shiels, M.D., C.M. (Edin.), Surgery and Hygiene.
Henry Lewis Wagner, Ph.D., M.D., Rhinology and Laryngology.
William A. Martin, M.D., Opthalmology.
Luke Robinson, M.D., M.R.C.P. (Lond.), Gynecology.
William H. Mays, M.D., Gynecology.
Leo Newmark, M.D., Neurology.
John C. Spencer, A.B., M.D., Pathology and Histology.
Archie B. Pierce, A.M., Math.
E. H. Samuels, Ph.G., M.D., Chem.
Ambrose E. O'Neill, Laboratory.
Josephine E. Barbat, Ph.G., Botany.
Martin R. Gibson, Microscopy, etc.
Henry E. Besthorn, Ph.G., Pharmacy.
Charles A. Seifert, Ph.G., Materia Medica.
William J. Sharwood, Chemistry.
Clarence L. Cory, M.M.E., Mechanical Engineering.
Richard H. Tucker, Jr., C.E., Astron.
Frederick A. Grazer, Ph.G., M.D., Pharmacy.
Frank L. Winn, First Lieut., Military Science and Tactics.
George M. Stratton, A.M., Philosophy.
Carl C. Plehn, Ph.D., History, etc.
Louis Theodore Hengstler, Ph.D., Mathematics.
William J. Raymond, B.S., Physics.
Thomas F. Sanford, A.B., English.
Edward B. Clapp, Ph.D., Greek.
Walter S. Thorne, M.D., Surgery.
Amédée Joullin, Painting.
Oscar Kunath, Portraits.
Arthur F. Mathews, Antique and Life Painting.
John A. Stanton, Antique Class.
Raymond D. Yelland, Landscape Painting.
Henry T. Ardley, S.A., Decorative and Industrial Art.
Charles H. Howard, French.
Ernest A. Hersam, B.S., Metallurgy, etc.
Herbert P. Johnson, Ph.D., Biology, *ad interim*.
Jacob Voorsanger, Semitic Languages.
William A. Merrill, Ph.D., L.H.D., Latin.
Thos. P. Bailey, Jr., Ph.D., Teaching.
Gustave Faucheux, A.B., French.
Bernard R. Maybeck, Drawing.
Evander B. McGilvary, A.M., English.
Levi Frederick Chesebrough, Mechanic Arts, Machine Shops.
Ernest H. Simonds, B.S., Assaying.
John J. Rivers, Curator of Museum.
Joseph W. Flinn, University Printer.
Joseph Dieffenbach Layman, B.L., Assistant Librarian.
John G. G. Hansen, Agricultural Experiment Station.
Julius Forrer, Agricultural Experiment Station.
Frederick T. Bioletti, B.S., Agricultural Station Cellar.
James Sutton, Ph.B., Recorder of the Faculties.
Charles H. Shinn, A.B., Inspector of Agricultural Stations.
Emil Kellner, Gardner Coll. of Agri.
William G. W. Harford, University Museum.
Willis L. Jepson, Ph.B., Botany.
Mary B. Ritter, M.D., Woman physician.
Walter C. Blasdale, B.S., Chemistry.
Samuel J. Holmes, M.S., Biological Laboratory.
Joseph Nisbet Le Conte, M.M.E., Mechanics.
Robert S. Norris, B.S., Chemistry.
Charles L. Gillman, Chemistry.
Arnold V. Stubenrauch, Clerk in Agricultural Stations.

Henry E. J. Ongerth, German.
Oscar Schober, Mechanics.
William H. Tyson, Foreman of Agricultural Station.
Ivar Tidestrom, Botany.
Loren E. Hunt, B.S., Civil Eng.
Arthur P. Hayne, Ph.B., Viticulture.
Cecil K. Jones, Assistant Librarian.
Victor Lenher, Chemistry.
James W. Mills, Foreman Agricultural Station.
William J. Strachan, Foreman Agricultural Station.
Sanford A. Moss, Mechanics.
Fred H. Seares, Students' Observatory.
Ralph W. Putnam, Patron Agricultural Station.
Robert F. Pennell, A.B., Patron Agricultural Station.
Anthony B. Boland, Forestry Station.
Silas E. Coleman, Physics.
Augustus V. Saph, B.S., Math.
William H. Wright, B.S., Math.
Sarah I. Shuey, Ph.B., M.D., Woman Physician.
George Gibbs, Asst. Physical Culture.
Walter H. Graves, Reader in Greek.
Annie W. Brewer, Pedagogy.
Allen L. Colton, Ph.B., A.B., Astron.
Charles D. Perrine, Secretary.

MEDICAL SCHOOL.

Winslow Anderson, A.M., M.D., Principle and Practice.
John H. Barbat, Ph.G., M.D., S. J. Fraser, John M. Sims, Samuel P. Tuggle, M.D., Anatomy.
Thomas Bowhill, Bacteriology.
Philip Collischonn, M.D., Albert K. Hapersberg, A.B., M.D., Hugh Lagen, George H. Powers, A.M., M.D., John M. Williamson, Dispensary Staff.
Henry B. A. Kugeler, Pathology and Histology.
Edward von Adelung, Physiology.
Henry N. Winton, M.D., Therapeut.

GRADUATE MEDICAL SCHOOL.

Joseph E. Artigues, M.D., Assistant Genito-Urinary Surgery.
James A. Black, M.D., Assistant Rhinology, etc.
Philip K. Brown, M.D., Neurology.
Clark J. Burnham, M.D. Diseases of Heart and Kidneys.
Henry G. Burton, M.D., Opthalmology.
Philip Collischonn, M.D., Pediatrics.
Tenison Deane, M.D., Dermatology, etc.
Richard M. H. Berndt, M.D., Medicine.
Campbell Ford, M.D., Genito-Urinary Surgery.
William F. Friedhofer, M.D. Gynecology.
Samuel J. Hunkin, M.D., Orthopedic Surgery.
Philip M. Jones, M.D., Otology.
William L. Knudler, M.D., Opthalmology.
Lucia M. Lane, M.D., Gynecology.
George C. Macdonald, M.D., Surgery.
John M. Macdonald, M.D., Gynecology.
James F. McCone, M.D., Gynecology.
John R. McMurdo, M.D., Ophthalmology.
George W. Merritt, M.D., Ophthalmology.
Theorilda C. Park, M.D., Gynecology.
Frank B. Petrie, M.D., Rhinology, etc.
Ernest Pring, M.D., Genito-Urinary Surgery.
Virginia W. Smiley, M.D., Orthop. Sur.
Weston O. Smith, M.D., Dermatology, etc.
William B. Stephens, M.D., Otology.
Walter M. Thorne, M.D., Surgery.
Samuel P. Tuggle, M.D., Opthalmology.
Charles C. Wadsworth, M.D., Rhinology, etc.
John F. P. Wetzel, M.D., Surgery.
Frank P. Wilson, M.D., Orthopedic Surgery.
Henry N. Winton, M.D., Medicine.

COLLEGE OF DENTISTRY.

J. L. Asay, M.D., Clinical Instructor.
John H. Barbat, Ph.G., M.D., Anatomy.
Frank W. Bliss, D.D.S., Clinical Instructor.
Charles Boxton, D.D.S., Lecturer.
Harry P. Carlton, D.D.S., Operative Technic.
George H. Chance, D.D.S., Clinical Instructor.
Henry C. Davis, L.D.S., Clinical Instructor.
Warren De Crow, Clinical Instructor.

Albert T. Derby, D.D.S., Mechanical Dentistry.
Paul C. Erhardt, D.D.S., Operative Dentistry.
S. J. Fraser, Anatomy.
Jos. D. Hodgen, D.D.S., Chem., etc.
Albert O. Hooker, Clinical Instructor.
Ottiwell W. Jones, M.D., Anatomy.
Henry E. Knox, D.D.S., Clinical Instructor.
Walter F. Lewis, D.D.S., Clinical Instructor.
James W. Likens, D.D.S., Operative Dentistry.
Charles A. Litton, D.D.S., Supt. Infirmary.
Fred H. Metcalf, D.D.S., Clinical Instructor.
Howard D. Noble, D.D.S., Mechanical Dentistry, etc.
James P. Parker, D.D.S., Clinical Instructor.
William E. Price, D.D.S., Clinical Instructor.
Harold L. Seager, D.D.S., Mechanical Dentistry.
William F. Sharp, D.D.S., D.M.D., Operative Dentistry.
J. G. Sharp, Physiology, etc.
William B. Sherman, D.D.S., Clinical Instructor.
Max Sichel, Clinical Instructor.
Emory L. Townsend, D.D.S., Clinical Instructor.
Leander Van Orden, M.D., Clinical Instructor.

COLLEGE OF PHARMACY.

Josephine E. Barbat, Botany.
H. E. Besthorn, Pharmacy.
M. R. Gibson, Microscopy, Histology.
Robert A. Leet, Ph.G., Chemistry.
Otto A. Weihe, Ph.G., Materia Medica.

UNIVERSITY OF CHICAGO.

Chicago, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$1,860,000	1850	187	23	325,000

History: The first University of Chicago was founded in 1857 by the Baptist Society of Chicago, and was presided over for many years by the Rev. Dr. Burroughs. In 1886, its doors were closed owing to lack of funds. Its successor, the present University of Chicago, was founded by John D. Rockefeller, who subscribed $600,000 of its original endowment fund of one million dollars to which he afterward added three and a half million dollars in bonds. The original site, valued at $125,000 was given by Marshall Field, who also gave $100,000 in money. More than one million dollars for new schools and buildings have since been donated or bequeathed to the university. A president for the university was elected in the spring of 1891. Work on the new buildings began in the autumn of the same year. On October 1st, 1892, the new school opened its doors to some 600 students. Cobb Lecture Hall and two dormitories for graduates were the only buildings then ready for use. Since that time fourteen of the projected number of forty-two buildings have been erected, while the number of students has risen to 1850.

Organization: According to its charter the aims of the University of Chicago are to give facilities for higher education to both sexes; to erect and maintain schools of literature, science, law, medicine, technology, music and the fine arts; and to confer degrees. The university is governed by a self-electing body of twenty-one

trustees, by the president, a university council and the university senate. The trustees elect the president and all members of the faculty. The president is the executive head of the university in all its departments, is responsible for the discipline of the university, presides at the meetings of the faculties, and is the official medium of communication between the faculties and the Board of Trustees, and between the students and the trustees; he recommends all appointments to the several faculties, and must submit an annual report of the work and condition of the university in all its departments.

The University Senate consists of the president, the recorder, the head professors of the departments of instruction, and the university librarian. It considers all questions of education. The University Council consists of the president, the examiner, the recorder, the registrar, the chaplain, the deans of all schools, colleges and academies, the director of the university extension division, the director of the university libraries, laboratories and museums, the director of the university press, the director of the university affiliations, and the principals or deans of affiliated institutions. The Council considers and decides on matters of administration. The university includes five divisions: the university proper; the university extension; the university libraries, laboratories and museums; the university press; the university affiliations. The university proper includes: the Graduate School of Arts and Literature, the Ogden (Graduate) School of Science; the Divinity School, already organized; the School of Law, the School of Medicine, the School of Technology, the School of Fine Arts, and the School of Music, to be established when the funds of the university permit; the Colleges of Arts, Literature, and Science.

Admission, Instruction, Examinations, Degrees: The university requires examinations for admission in: Latin, Greek, Mathematics, English, History, Physics, Chemistry, Biology, German and French. Of these all but Greek, Chemistry, Biology and one modern language are indispensable. Courses of instruction in the university are classified as majors and minors. The major calls for eight to ten hours of class-room work, or its equivalent, each week; the minor, for four to five hours of class-room work, or its equivalent, each week. A major continuing through twelve weeks is called a double major; a minor continuing through twelve weeks is a double minor. The regular work of a student during each term of a quarter is one major and one minor or three minors. Non-resident work is accepted for only one third of the work required for a degree. Degrees of A.B., Ph.B., and S.B., according to the courses of instruction pursued, are given after a satisfactory completion of twenty-four majors and twenty-four minors or thirty-six majors. The degree of A.M. is given after a post-graduate course of one year and an examination; the degree of Ph.D. is given after three years of post-graduate study at the university, an examination, and the submission of a printed thesis. No honorary degrees are conferred.

Dues and Scholarships: Tuition per annum is $140 in the graduate schools. The matriculation fee is $5, and is paid but once. The fee for instruction is $40 a quarter. Students in chemistry or

biology pay a laboratory fee of $10 a quarter for a major course, $5 for a minor course. The fee for a diploma is $10. A bond of $200 is required of all students. Of eighty existing scholarships and fellowships, forty yield $120 a year, twenty $320, and twenty $520 a year. Five are special fellowships.

The Academic year: The year is divided into four quarters, beginning respectively on the first day of July, October, January, and April, and continuing twelve weeks each, with a recess of one week between the close of one quarter and the beginning of the next. Each quarter is divided into two equal terms of six weeks. Attendance at chapel is voluntary.

A large number of social, literary, religious, and athletic societies are maintained by the students, who also publish several college journals.

Faculty.

William R. Harper, Ph.D., D.D., LL.D., President, Semitic.
Henry P. Judson, A.M., LL.D., Dean, Political Science.
George D. Boardman, D.D., LL.D., Ethics.
William C. Wilkinson, A.M., D.D., Poetry and Criticism.
Hermann E. von Holst, Ph.D., History.
Thomas C. Chamberlin, Ph.D., LL.D., Geology.
John H. Barrows, D.D., Comparative Religion.
Charles O. Whitman, Ph.D., Zoölogy.
John M. Coulter, Ph.D., Botany.
William G. Hale, A.B., Latin.
Sherburne W. Burnham, A.M., Astronomy.
Charles Chandler, A.M., Latin.
William H. Holmes, A.B., Geology.
Emil G. Hirsch, Ph.D., Rabinical Literature and Philosophy.
J. L. Laughlin, Ph.D., Political Economy.
Albert A. Michelson, Ph.D., Physics.
Frank B. Tarbell, Ph.D., Archæology.
Daniel G. Elliot, F.R.S.E., Zoölogy.
Charles F. Millspaugh, Botany.
Oskar Bolza, Ph.D., Mathematics.
Ernest D. Burton, A.B., New Testament.
Albion W. Small, Ph.D., Sociology.
Joseph P. Iddings, Ph.B., Petrology.
Paul Shorey, Ph.D., Greek.
Benjamin S. Terry, Ph.D., Mediæval and English History.
John Dewey, Ph.D., Philosophy.
Henry H. Donaldson, Ph.D., Neurology.
Rollin D. Salisbury, A.M.
Oliver C. Farrington, Ph.D., Mineralogy.
E. R. L. Gould, Ph.D., Statistics.
Frank F. Abbott, Ph.D.
Eliakim H. Moore, Ph.D., Mathematics.
John U. Nef., Ph.D., Chemistry.
Richard A. F. Penrose, Jr., Ph.D., Geology.
Adolph C. Miller, A.M., Political Economy.
Edward E. Barnard, A.M., Sc.D., Astronomy.
C. R. Van Hise, Ph.D., Pre-Cambrian Geology.
Charles D. Walcott, Paleontology.

ASSOCIATE PROFESSORS.

Julia E. Bulkley, Pedagogy.
Charles R. Henderson, A.M., D.D., Sociology.
William D. McClintock, A.M., English Literature.
George Baur, Ph.D., Paleontology.
Ira M. Price, D.B., Ph.D., Semitic.
Jacques Loeb, M.D., Physiology.
Clarence F. Castle, Ph.D., Greek.
Marion Talbot, A.M., Sanitary Science.
George S. Goodspeed, Ph.D., Comparative Religions.
Starr W. Cutting, Ph.D., German.
Frederick Starr, Ph.D., Anthropology.
Robert F. Harper, Ph.D., Semitic.
Charles A. Strong, A.B., Psychology.
Samuel W. Stratton, S.B., Physics.
James H. Tufts, Ph.D., Philosophy.
Carl D. Buck, Ph.D., Sanskrit and Philology.
A. A. Stagg, A.B., Culture.
George E. Hale, S.B., Astro-Physics.

ASSISTANT PROFESSORS.

Francis A. Blackburn, Ph.D., English.
Eugene Bergeron, A.B., French.
Heinrich Maschke, Ph.D., Mathematics and Physics.
Martha F. Crow, Ph.D., English.
Howard B. Grose, Ph.D., Registrar.
Albert H. Tolman, Ph.D., English.
Frank J. Miller, Ph.D., Latin.
Felix Lengfeld, Ph.D., Inorganic Chemistry.
H. S. Wartenberg, Ph.D., German.
Ernst Freund, J.U.D., Jurisprudence and Roman Law.
Geo. Herbert Mead, A.B., Philosophy.
William Morton Wheeler, Ph.D., Embryology.
Sho Watasé, Ph.D., Cellular Biology.
George C. Howland, A.M., Romance Literature.
Alexander Smith, Ph.D., Chemistry.
Edward Capps, Ph.D., Greek.
Edwin O. Jordan, Ph.D., Anatomy.
F. L. O. Wadsworth, S.B., E.M., M.E., Physics.
James D. Bruner, Ph.D., Romance Literature.
Clifford H Moore, A.B., Latin.
James Rowland Angell, A.M., Experimental Psychology.
Robert Herrick, A.B., Rhetoric.
René DePoyen-Bellisle, Ph.D., Romance Philology.
W. Muss-Arnolt, Ph.D., Biblical and Patristic Greek.
Myra Reynolds, A.M., English.
Massuo Ikuta, Ph.D., Chemistry.
William Isaac Thomas, Ph.D., Ethnic Psychology.
David J. Lingle. Ph.D., Physiology.
George E. Vincent, A.B., Sociology.
Camillo Von Klenze, Ph.D., German.
S. H. Clark, Elocution.
Jas. Harrington Boyd, Sc.D., Math.
Jacob William Albert Young, Ph.D., Mathematics.
Edwin H. Lewis, Ph.D., Rhetoric.
William Bishop Owen, A.B., D.B., Greek.
Julius Stieglitz, Ph.D., Chemistry.
Thomas J. J. See, Ph.D., Astronomy.
Ferdinand Schwill, Ph.D., Modern History.
Wm. Hill, A.M., Political Economy.
Robert Morss Lovett, A.B., Rhetoric.
Carlos C. Closson, A.M., Polit. Econ.
Paul Oskar Kern, German.
Thorstein B. Veblen, Ph.D., Political Economy.
Arthur T. Walker, A.M., Latin.
Clyde Weber Votaw, A.M., D.B., Biblical Literature.
Alexander M. Morrison, A.M., Physics.
Harris Hancock, Ph.D., Mathematics.
Albert C. Eycleshymer, Ph.D., Anat.
Kate Anderson, Physical Culture.
Glen M. Hobbs, S.B., Physics.
Ralph C. H. Catterall, A.B., Modern History.
Wardner Williams, Mus.B., Ph.D., Music.
Herbert E. Slaught, A.M., Math.
Hurt Laves, Ph.D., Astronomy.
Jas. H. Breasted, Ph.D., Egyptology.
Charles T. Conger, A.B., Political Geography.
Addison Webster Moore, A.M., Psychology.
Jas. Westfall Thompson, A.B., Hist.
Bradley M. Davis, Ph.D., Botany.
Simon Fraser McLennan, A.B., Experimental Psychology.
George A. Mulfinger, A.B., German.
Elizabeth Wallace, S.B., American Institutions.
Hermann B. Almstedt, A.B., German.
Wilmer Cave France, Ph.D., Greek and Latin.
Edmund C. Buckley, Ph.D., Comparative Religion.
Olaus Dahl, Ph.D., Scandinavian Lit.
Fred. Ives Carpenter, Ph.D., English.
Geo. B. Hussey, A.M., Ph.D , Greek.
Albrecht Wirth, Ph.D., Ancient Hist.
Richard S. Curtiss, Ph.D.. Chem.
John Campbell Merriam, Ph.D., Paleontology.
Gerald M. West, Ph.D., Anthropology.
Louis A. Baur, Ph.D., Physics.
Adolph Meyer, M.D., Neurology.
Max West, Ph.D., Municipal Institutions.
Norman Wyld, Zoölogy.

DIVINITY SCHOOL.

Franklin Johnson, D.D., Church History and Homiletics.
Eri Baker Hulburt, A.M., D.D., Church History.
Shailer Mathews, A.M., New Testament.
John W. Moncrief, A.M., Church History.

Richard Green Moulton, Ph.D., English Literature.
Nathaniel Butler, A.M., English Lit.
Oliver Joseph Thatcher, Ph.D., Hist.
Edward W. Bemis, Ph.D., Pol. Econ.
William Hoover, Ph.D., Math.
Chas. Zeublin, Ph.B., D.B., Sociology.
Clark Eugene Crandall, D.B., Ph.D., Semitic.
Francis Wayland Shepardson, Ph.D., History.
John M. Coulter, Ph.S., M.S., Botany.

SUMMER LECTURERS.

E. Benjamin Andrews, Social Ethics.
E. A. Ross, Sociology.
George T. Ladd, Philosophy.
Bernard C. Moses, History.
Earl Barnes, Pedagogy.
Rush Rhees, New Testament Lit.
Rev. W. H. P. Faunce, Homiletics.
Ewald Flügel, English Literature.
Joseph Ager Belt, New Testament Theology.
John A. Miller, Mathematics.
Gustav E. Karsten, German.
George Adam Smith, Old Testament Theology.
W. B. Chamberlain, Elocution.
Maffeo Pantaleoni, Banking, Finance.

UNIVERSITY OF CINCINNATI.

Cincinnati, O. *Co-Educational.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$85,853	773	23	4	10,000

History and Organization: In 1858, Charles McMicken bequeathed $1,000,000 to the city for a school in which students should "receive the benefit of a sound, thorough, and practical English education," as well as instruction in the higher branches of knowledge, "except in denominational theology." Inasmuch as a large part of this bequest consisted of land in Louisiana, valued at $500.000, it was lost to the city, for the State of Louisiana took possession of it, refusing to recognize the validity of bequests of real estate to institutions not situated in its borders. In 1870, the Ohio Legislature passed an act "to enable cities of the first class to promote education," under which the city of Cincinnati accepted what was left of the McMicken bequest. Pending the erection of college buildings, instruction was given in the Woodward High School, and later after the formal organization of the university in 1875 in another school on Franklin Street. From 1875 to 1895, the university occupied the buildings erected for it on the grounds of the McMicken homestead on McMicken Avenue. Latterly the University has been established on a tract of forty-three acres at the southern end of Burnet Woods Park. The directors, who are appointed by the Superior Court of Cincinnati, number nineteen, including the mayor of the city, an ex-officio member.

Admission, Instruction, Degrees: Admission is by certificate and by examination. Persons who are at least twenty years old may be admitted without examination to lectures and laboratory courses at the will of the individual lecturer or professor, but recitation courses are for matriculated students only. The university offers nine groups

of studies, each extending over four years, leading to bachelors' degrees in Arts, Letters, Science, Astronomy, Biology, Chemistry, Civil Engineering, Mathematics, and Physics. A large part of the work included in these courses is elective. Master's degrees and the degree of civil engineer are conferred after graduate work, whether *in absentia* or otherwise, except in case of graduates from other colleges, of whom resident study is required. Attendance at chapel and gymnastic exercise is voluntary. Instruction is free to *bona fide* residents of Cincinnati, and to the alumni of the university. Non-residents pay $75 for the year, lasting from September 27 to June 15, while special students pay $38 or a fee of $5 a year for a course of one hour a week, with pro-rata increase of charges for every additional hour. Further fees are charged for registration, supplemental examinations, and for laboratory work.

Equipment: The University buildings are McMicken and Hanna Halls, erected in 1895 and 1896 on Burnet Woods Park; and the old college building on McMicken Avenue, in which the scientific laboratories are still maintained. The general library, containing the collections of E. F. Bliss and others, is in McMicken Hall, as is the gymnasium, which has a floor space of 3,600 square feet. The observatory, erected in 1873, crowns the summit of Mt. Lookout, six miles from the smoky city. In addition to these facilities, all the libraries, museums, and collections owned by the city and other public institutions are available for students.

Societies: Besides many social, literary, and religious organizations, the students maintain an athletic association, with foot ball, base ball, and other teams. Chapters of the following fraternities have been organized: Σ X, 1882; K K Γ, 1885; B Θ Π, and Σ A E, 1890. The graduates number 250.

Faculty.

Philip V. Myers, A.M., LL.B., L.H.D., Dean, History and Political Economy.
Wayland R. Benedict, A.M., Philosophy.
Edward W. Hyde, C.E., Mathematics.
Wm. O. Sproull, A.M., Ph.D., Latin. and Arabic.
Thos. French, Jr., A.M., Ph.D., Physics.
Thos. H. Norton, A.M., Ph.D., Sc.D., Chemistry.
Jermain G. Porter, A.M., Ph.D., Astronomy.
E. M. Brown, A.M., Ph.D., English.
Ward Baldwin, C.E., M.S., Civil Engineering, and Registrar.
Charles F. Seybold, A.B., LL.B., French and German.
Frederick L. Schoenle, A.M., Ph.D., Greek and Comparative Philology.
Chas. L. Edwards, B.S., A.M., Ph.D., Biology.
Paul F. Walker, LL.B., Spanish and Italian.
Louis E. Bogen, C.E., Physics.
Philo A. Orton, C.E., Civ. Engineering.
Harry W. Curth, B.L., German and English
Mary L. DeLuce, B.L., History.
Everett I. Yowell, C.E., M.S., Math.
John McCrae, A.M., Ph.D., Chem.
Robert B. Spicer, A.B., Latin.
George M. Holferty, B.S., Biology.
Ellis G. Kinkead, M.A., LL.B., English, and Roman Law.
James M. Chapman, Elocution.
Walter D. Berry, Gymnastics.

UNIVERSITY OF COLORADO.

Boulder, Col. *Co-Educational.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$70,000	600	70	9	12,000

History: The university was incorporated by the territorial legislature in 1861. Ten years later, fifty-two acres covering the present site were given by three citizens of Boulder. By the state constitution of 1876, the school was made a State University, and land was appropriated to it that had been provided by Congress in 1875. Instruction was begun in 1877, with two teachers and forty-four pupils. In the succeeding years some $150,000 was appropriated by the General Assembly, besides the proceeds of a special tax levy of one-fifth of a mill on the assessed valuation of all state property. The university is governed by a board of six regents.

Admission, Instruction and Degrees: Admission is by examination or on certificate of the State Preparatory School, or of eighteen high schools and academies. In addition to the collegiate course and scientific courses leading to degrees of A.B., B.L., B.Ph., and B.S., four graduate courses are offered as well as scientific and professional instruction leading to degrees in Engineering, Medicine, Law and Music. Master's and Doctor's degrees are conferred after six and twelve graduate courses respectively. The expenses for the year, lasting from September 8 to June 4, are estimated at $300, of which $30 is for matriculation, library and other fees. Non-residents pay $20 for tuition.

Equipment: The university is situated at Boulder and overlooks the City of Denver in the distance. Westward, rising above the adjoining foot-hills are the Rocky Mountains, showing the snowy summit of Arapahoe Peak. Of the ten buildings, three are dormitories, two of which are for women, while the others are used for purposes of instruction with the sole exception of the President's house. All buildings are lighted by electricity. Four laboratories have been equipped in the scientific and chemical buildings, and the new gymnasium has been put into the engineering building. The library, containing 12,000 volumes, is soon to be placed in a separate building.

Societies and Publications: The students publish the "Silver and Gold," a weekly, and the "Portfolio," a monthly, and maintain the Bell Literary Society, University Debating Club, and Homerian Society, besides two Christian Associations, and an athletic association. Chapters of the following fraternities have been organized: Δ Τ Δ, 1883; Δ Γ, 1885; and Π Β Φ, 1885. The graduates number 350, of whom the Hon. Richard H. Whiteley, 1882, of Boulder, is the oldest.

Faculty.

James H. Baker, M.A., LL.D., President, Ethics.
Mary Rippon, German.
J. Raymond Brackett, Ph.D., Comparative and English Literature.
Herbert W. McLauthlin, M.A., M.D., Principles and Practice of Medicine and Clinical Medicine.
William J. Waggener, M.A., Natural Philosophy.

Luman M. Giffin, M.D., Anatomy and Physiology.
Charles S. Palmer, Ph.D., Chemistry.
Ira M. DeLong, M.A., Mathematics.
John Gardiner, B.Sc., Biology and Histology.
Maurice E. Dunham, M.A., Greek.
Jeremiah T. Eskridge, M.D., Mental Diseases and Medical Jurisprudence.
A. Stewart Lobingier, B.A., M.D., Pathology and Clinical Surgery.
G. Melville Black, M.D., Laryngology and Rhinology.
Moses Hallett, LL.D., American Constitutional Law and Federal Jurisprudence.
Clayton Parkhill, M.D., Surgery and Clinical Surgery.
John Chase, B.A., M.D., Ophthalmology and Otology.
John W. O'Connor, M.D., Railway and Clinical Surgery.
Carl W. Belser, Ph.D., Latin.
Charles M. Campbell, P.B., B.C.L., Professor of Law.
Henry Fulton, M.S., Civil Eng.
Oscar F. A. Greene, M.A., Roman Law.
Herbert B. Whitney, B.A., M.D., Diseases of Children.
Lewis E. Lemen, M.D., Clin. Surgery.
George E. Packard, M.D., Foot Surg.
Thomas E. Taylor, B.A., M.D., Obstetrics.
Josiah N. Hall, B.S., M.D., Materia Medica and Clinics.
James A. MacLean, Ph.D., History.
James E. Russell, Ph.D., Philosophy and Pedagogy.
George H. Rowe, B.S., Electrical Engineering.
William L. Murfree, LL.B., Law.
Walter A. Jayne, M.D., Gynecology.
Joseph B. Kinley, M.D., Medicine and Therapeutics.
Frank E. Gove, B.A., LL.B., Law.
Albert A. Reed, LL.B., Law.
Calvin E. Reed, LL.B., Law.
William M. Maguire, Constitutional Law.
Ebenezer T. Wells, Real Estate Law.
Willard Teller, B.A., Equity Pleading and Practice.

LECTURERS.

Hugh Butler, Common Law and Colorado Law.
Luther M. Goddard, LL.B., Law of Patents and Copyrights.
Robert S. Morrison, Mining Law.
John Campbell, M.A., LL.B., Corporation Law.
Charles S. Thomas, LL.B., Evidence and Bailments.
William C. Kingsley, Law of Domestic Relations.
Henry T. Rogers, M.A., Law of Wills.
Thomas Ward, Jr., B.A., Crim. Law.
Cass E. Herrington, LL.B., Medical Jurisprudence.
John D. Fleming, B.A., LL.B., Law of Insurance.
Samuel D. Hopkins, M.D., Toxicology, Urinary Analysis.
Lucius M. Cuthbert, A.M., LL.B., Conflict of Laws.
Henry C. Crouch, M.A., M.D., Bacteriology and Hygiene.
Robert Given, B.A., Irrigation Law.
Horace G. Lunt, B.A., Corporation Law.
William H. Bryant, B.S., LL.B., Bailments and Evidence.
George Z. Dimmitt, M.A., LL.B., Criminal Law.
John H. Denison, B.A., Equity, Pleading and Practice.
Hubert Work, M.D., Nervous Diseases.
Frank E. Waxham, M.D., Diphtheria, Croup and Intubation.
Edward Jackson, M.D., Physiological Optics.
Pembroke R. Thombs, M.D., Mental Diseases.
Alfred A. Woodhull, M.D. (U.S.A.), Preventive Medicine.

INSTRUCTORS.

Charles H. Farnsworth, Music.
Delphine Bell, French.
Emley B. Queal, M.D., Anatomy.
Frederick F. Kramer, Ph.D., Semitic.
Frank Y. Moseley, B.S., Biology.
Earl H. Fish, M.D., Surgery.
Charles Hall Cook, B.A., Oratory.
W. J. Baird, M.D., Physiology.
Alfred E. Whitaker, M.A., Librarian.

UNIVERSITY OF DENVER.

Denver, Col. *Co-Educational.* *Methodist.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$25,000	554	88	5	6,000

History and Organization: In 1864 Gov. Evans of the Territory helped incorporate Colorado Seminary, and assumed the presidency of the Board of Trustees, which he has now held for thirty-three years. In 1880 the school was made a university.

The university is under the control of the Colorado Conference of Methodists, is governed by twenty-eight trustees, a board of visitors, and by a university senate composed of the chancellor, and of student representatives elected by the different classes. It comprises the following departments: College of Liberal Arts, School of Medicine, Iliff School of Theology, School of Law, School of Music and Fine Arts, School of Dentistry, School of Pharmacy, Preparatory School, Haish Manual Training School.

The Schools of Medicine, Law, Music, Dentistry, Pharmacy, and Manual Training are all in the centre of Denver, within two blocks of the postoffice. The College of Liberal Arts, Iliff School of Theology, and the Preparatory School are located at University Park, within the city limits, but distant from the other buildings.

Admission, Instruction, and Degrees: Admission is on high school and other certificates, and by examination on subjects not mentioned in such certificates. Three collegiate courses lead to degrees of B.A., B.L., and B.S., and diplomas are also conferred in medicine, theology, law, music, dentistry, and pharmacy, besides masters' and doctors' degrees. The expenses for the year, lasting from September 8 to June 9, are $215. Tuition is charged at the rate of fifty cents a week for each study, and additional fees are charged for matriculation, use of laboratory and library, and for incidentals. A few scholarships equivalent to the charges for incidentals are offered, besides several prizes. Attendance at chapel is compulsory.

Equipment: The university buildings at the Park are University Hall, the Iliff School of Theology, the Chamberlin Observatory, Wycliffe Cottage for Women, and University Commons. University Hall, which cost $80,000, is devoted exclusively to purposes of instruction and is the home of the College of Liberal Arts. The Iliff School cost $60,000, and is the gift of Mr. William S. Iliff, an alumnus of the College of Liberal Arts. The Chamberlin Observatory is housed in two buildings costing $30,000. It contains a twenty-inch equatorial reflector with other subsidiary instruments. In addition to the university library, students have access to the public library of Denver, each containing more than 25,000 volumes.

Societies: The students maintain the Phi Alpha and the Evans Literary Societies, two Christian Associations, and an Athletic Association, with a baseball team. Chapters have been organized of: ΠΒΦ, 1885; and ΒΘΠ, 1888.

The graduates number 250, of whom the oldest is P. V. Carlin, M.D., 1882, of Denver, Col.

Faculty.

William F. McDowell, S.T.D., Ph.D., Chancellor, Philosophy.
Ralph Arnold, Piano and Organ Tuning.
Edwin R. Axtell, M.D., Diseases of Children.
F. J. Bancroft, M. D., Fractures.
M. A. Bartleson, D.D.S., Dentistry.
J. B. Brown, A.M., Municipal Law.
H. C. Charpicot, S.B., LL.D., Law.
J. W. Chipley, D.D.S., Dentistry.
J. W. Collins, M.D., Gynecology.
Charles Denison, A.M., M.D., Diseases of the Chest.
Mary Lowe Dickinson, English.
John R. Donaldson, D.D.S., Pathology and Oral Surgery.
Wilber D. Engle, A.M., Chemistry and Physics.
Anna A. Fisher, A.M., English.
David E. Fisher, Violin and Viola.
Samuel A. Fisk, A.M., M.D., Practice of Medicine.
Charles M. Ford, Ph.G., Pharmacy.
John M. Foster, M.D., Otology.
M. S. Fraser, D.D.S., Dentistry.
H. A. Fynn, D.D.S., Regional Anat.
Louis A. La Garde, M.D., U.S.A., Hygiene.
Herbert A. Gift, Clarinet and Saxophone.
A. C. Godfrey, M.D., Surgery.
J. C. Graham, M.D., Embryology and Histology.
John W. Graham, M.D., Medicine.
Mary L. Gray, Voice Culture.
William L. Gray, Piano and Organ.
Herbert Griggs, Sight Reading.
W. E. Griswold, D.D.S., Bridge and Crown Work.
Edouard Hesselberg, Piano Depart.
William P. Hillhouse, LL.B., Law.
Henry O. Houseley, F.C.O., Harmony.
Herbert A. Howe, A.M., Sc.D., Mathematics and Astronomy.
Oliver B. Howell, History of Music.
Mrs. Oliver B. Howell, Singing.
Roy C. Howell, Orchestral Music.
H. H. Howeland, M.D., Laryngology.
L. W. Hoyt, S.B., LL.B., Law.
C. J. Hughes, Jr., A.M., Mining Law.
A. B. Hyde, A.M., D.D., Greek.
A. L. Jones, Piano.
Carl Johnson, M.D., Gynecology.
B. B. Keyes, Cornet.
J. Kochan, Ph.G., Botany.
W. J. Lee, Ph.B., Biology.
H. A. Lewes, M.D., Medicine.
C. B. Lyman, M.D., Treatises.
Alfred Mann, M.D., Medicine.
George C. Manly, A.M., LL.B., Law.
William C. Mitchell, M.D., Bacteriology.
Wm. A. Moore, A.B., LL.B., Law.
William P. Munn, M.D., Surgery.
F. H. McNaught, M.D., Obstetrics.
C. D. Nelson, M.D., Medicine.
John M. Norman, D.D.S., Operative Dentistry.
John Parsons, D.D.S., Dentistry.
Albert E. Pattison, A.B., Dean of Law Faculty.
Oscar J. Pfeiffer, M.D., Surgery.
Robert J. Pitkin, A.B., LL.B., Law.
Frederick H. Randall, LL.B., Law.
Rena Belle Reed, Asst. Piano.
Oscar Reuter, J.U.D., Law.
Arnold Stedman, M.D., Obstetrics.
Wilbur F. Steele, A.M., S.T.D., Exegetical Theology.
Paul Stœving, Stringed Instruments.
Emil Tiferro, Singing.
John R. Van Pelt, A.M., S.T.B., Ph.D., Theology.
M. A. Walker, M.D., Embryology, Histology and Anatomy.
F. E. Warren, M.D., Anatomy.
Rt. Rev. Henry White Warren, D.D., English Bible.
Arthur Wehl, Flute.
Reuben B. Weiser, D.D.S., Prosthetic Dentistry and Metallurgy.
John W. Wetzel, A.M., Elocution and Gymnastics.
Horace G. Wetherill, Gynecology.
Elmer E. Whitted, A.M., Law.
S. G. Williams, S.B., LL.B., Insurance Law.
W. G. Wilson, M.D., Materia Medica.
Anne G. Wirt, A.M., German and French.
A. R. Worthington, M.D., Anatomy.
G. C. Rivers, M.D., Ophthalmology.
E. J. S. Rogers, M.D., Surgery.
J. C. Le Rossingall, A.M., Ph.D., History.
H. W. Brown, M.D., Therapeutics.
Carl Ruedi, M.D., Pathology.
H. E. Russell, A.M., Mathematics.
A. E. R. Luboss, M.D., Ph.G., Materia Medica.

Henry Sewall, M.D., Ph.D., Physiology.
J. A. Sewall, M.D., LL.D., Chem.
Wm. Smalley, D.D.S., Dentistry.
L. S. Smith, D.D.S., Dentistry.
P. J. Smith, D.D.S., Dentistry.
E. B. J. Spencer, A. M., Latin.
C. D. Spicha, M.D., Dis. of Stomach.

UNIVERSITY OF GEORGIA.

Athens, Ga. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$56,347	237	20	11	27,000

History: The university was chartered in 1785, but was not opened until 1801, when the present site was selected. In 1872 after the proceeds of the Federal Land Grant of 1862 had become available, the Colleges of Agriculture and Mechanical Arts were added, to be followed by schools of law, medicine, and technology. In 1890 instruction was provided for negroes.

Organization: The government of the university, by an act of the general assembly, of 1889, is vested in a board of trustees, appointed by the governor and confirmed by the senate. The board consists of one member from each congressional district of the state, four from the state at large, and two from the city of Athens. The governor and the chairman of the board of directors of the Technological School, the Girls' Normal and Industrial College, and the Colored Industrial College are *ex officio* members of the board.

The university organization consists of several distinct but coordinate departments, each under the direction of its own faculty, and subject to its own regulations, but all are under the general oversight of the board of trustees. These departments are the Literary Department, or Franklin College; the Scientific Department, or the State College of Agriculture and the Mechanic Arts; the Department of Law; and the Department of Medicine. To these should be added the School of Technology; the Georgia Normal and Industrial College; the College for Colored Youths; and the Georgia State Normal School.

Admission, Instruction, Degrees: Admission is on certificate and by examination. No students are admitted under fifteen years of age. Undergraduate students are received either as candidates for the degree of A.B., or as elective students. Degrees in science, agriculture, and engineering are conferred by the State College, while the graduate and professional schools confer degrees of A.M., M.S., B.LL., M.D., and M.E. No tuition fee is charged, but other expenses aggregate $150. Three fellowships, for amounts not stated, can be competed for, as well as eight gold medals; and a loan fund has been established on the income of $50,000. Attendance at chapel and military drill are compulsory. Students are forbidden to leave town, or to change their domicile without previous permission. Attendance at conventions, fairs, or any public assembly is forbidden.

Equipment: The university grounds are in the heart of the city of Athens, and cover an area of thirty-seven acres. They furnish sites for the college chapel, the library building, the Moore College, — a gift of the city to the college, — the Ivy building, the halls of the Demosthenian and Phi Kappa literary societies, the new college building, the gymnasium and Y. M. C. A. building, the dormitory, the chancellor's residence, and the houses occupied by several of the professors. In addition, they contain the parade ground of the university battalion and the ball grounds of the Athletic Association, which have recently been improved. Laboratories have been equipped by each of the scientific departments. The museum contains general alcoholic collections of vertebrates and invertebrates. Two miles from the college is the university farm, consisting of sixty-five acres, and of a building known as Rock College.

Societies and Publications: The students publish the "Pandora," an annual; and maintain two literary societies: the Demosthenian, dating from 1801, and the Phi Kappa, dating from 1820, besides a Christian Association, an Alumni Society, and Athletic Association, with football and baseball teams. Chapters of the following fraternities have been organized: Mystical Seven, 1844–1861; Σ A E, 1866; X Φ, 1867; K A, 1868; Φ Δ Θ, 1871; Σ X, 1872–1874; Φ Γ Δ, 1871; Δ T Ω, 1878; Δ T Δ, 1882; Φ K Ψ, 1883; Σ N, 1873; and X Ψ, 1890.

The graduates number more than 2,000, the oldest of whom is A. H. Mitchell, D.D., 1828, of Somerville, Ala.

Faculty.

William Ellison Boggs, D.D., LL.D., Chancellor, Metaphysics and Ethics.
Williams Rutherford, A.M., Emeritus.
Joseph Eve Allen, M.D., Obstetrics and Pediatrics.
David C. Barrow, C.E., M.E., Math.
Samuel Caldwell Benedict, M.D., Medical Jurisprudence.
Willis Henry Bocock, A.M., Ancient Languages.
John P. Campbell, A.B., Ph.D., Biol.
L. H. Charbonnier, A.M., Ph.D., Physics and Astronomy.
Howell Cobb, A.B., B.L., Law.
Thomas Davis Coleman, A.B., M.D., Physiology and Pathology.
Henry C. Doughty, M.D., Anatomy.
Wm. Henry Doughty, A.B., M.D., Anatomy and Clinical Surgery.
DeSaussure Ford, A.M., M.D., Surgery.
Eugene Foster, M.D., State Medicine.
Wm. D. Hooper, A.B., Classics.
Charles Holmes Herty, B.Ph., Ph.D., Chemistry and Physical Culture.
Jas. Meriwether Hull, M.D., Diseases of Eye, Ear, and Throat.
Jas. B. Hunnicutt, A.M., Agriculture.
Theodore Lamb, M.D., Medicine.
J. H. T. McPherson, A.B., Ph.D., History.
John Morris, A.M., English.
Sylvanus Morris, A.M., B.L., Law.
A. H. Patterson, B.E., A.M., Physics.
G. W. Rains, M.D., Chemistry.
B. F. Riley, A.B., D.D., English.
O. H. Sheffield, C.E., Engineering.
C. M. Snelling, A.M., Tactics.
L. C. Spence, M.D., Anatomy.
C. M. Strahan, C.E., M.E., Engin.
H. C. White, Ph.D., F.C.S., Chem.
G. A. Wilcox, M.D., Materia Medica.
C. P. Wilcox, A.M., LL.D., Modern Languages.
J. E. Willet, M.D., LL.D., Pharmacy.
J. R. Wright, M.D., Surgery.

UNIVERSITY OF IDAHO.

Moscow, Idaho. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	232	13	1	3,500

The university was organized in 1892, and is governed by nine regents. Admission is by examination and on certificate. Courses in arts, philosophy, science, and engineering lead to degrees of A.B., B.S., B.Ph., B.E., M.E., and B.Agr. Degrees of A.M., C.E., and E.Min. are conferred after three years of graduate study and practice. Tuition is free. The expenses for the year, from September 23 to June 11, are $125. The college grounds cover twenty acres, on an elevation of 2,600 feet above the sea. The students maintain the Amphyction, Websterian, two Christian Associations, Philharmonic, Cecilian Chorus, and an Athletic Association, with football, baseball, and track teams, besides a Tennis Club.

Faculty.

Franklin B. Gault, M.S., President, Sociology.
John E. Ostrander, A.M., C.E., Engineering and Mechanics.
C. W. McCurdy, M.Sc., Ph.D., Chem.
W. K. Clement, Ph.D., Languages.
Louis F. Henderson, Ph.B., Botany.
John M. Aldrich, M.S., Zoölogy.
Chas. P. Fox, M.Agr., Agriculture.
Lieut. Edward R. Chrisman, U.S.A., Military Tactics and Mathematics.
Edward Goodwin, E.M., Mining.
Harriett E. Cushman, A.M., Preceptress, Literature.
S. Annette Bowman, Drawing.
Sara E. Poe, B.L., English.
John E. Bonebright, B.S., Physics and Mathematics, and Librarian.
I. J. Cogswell, Music.
J. J. Anthony, Wood Work.
C. W. Kays, Penmanship.
J. M. Aldrich, Curator of Museum.

UNIVERSITY OF ILLINOIS.

Urbana and Champaign, Ill. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$140,000	855	114	17	36,000

History: Under the Act of Congress of 1862 the State of Illinois received scrip for 480,000 acres. Of this land 25,000 acres was located in Nebraska and Minnesota, while the balance of the scrip was sold for what it could bring. After much agitation Champaign County, in 1866, secured the university by contributing a building, with eleven hundred acres for a campus and farm, and $100,000, while the Illinois Central Railroad added $50,000 in transportation. The legislature since that time has given $1,300,000. In 1867 the Illinois Industrial University was incorporated, and was opened in 1868. In 1870 the first shop instruction given at any American uni-

versity was begun. In 1877 authority to confer degrees was given and in 1885 the present name was adopted.

Organization: The university is governed by nine trustees, with three *ex officio*. It embraces colleges of literature and the arts, of engineering, of science and agriculture, a graduate school, and that of pharmacy, each of which offers special courses. Admission is by examination, and on the certificates of 134 accredited schools. All of the first year's work and part of the second is prescribed. That of the two remaining years is largely elective. Military drill is compulsory for all able-bodied men through six university teams. Attendance at chapel is voluntary. The degrees are A.B., and B.S., in architecture; civil, electrical, and mechanical engineering; agriculture; chemistry; and pharmacy. The master's degrees, conferred after graduate study, correspond to these. The doctor's degree is conferred after three years, one of which must be resident.

Dues, Scholarships, and Prizes: Tuition is free. Other expenses for the year, lasting from September 3 to June 9, are $157. Six fellowships of $400 are offered for the promotion of original research. In 1895 the legislature provided one scholarship, equivalent to annual expenses, for each county of the state. A special scholarship is also offered in the military department, with a prize medal for drill. Many other prizes, ranging from $20 to $100, are available for excellence in specified studies. A loan fund has also recently been established.

Equipment: The university grounds, including the university farm, arboretum, and the drill ground, cover 210 acres. Among the buildings a Natural History Hall, containing several good museums, is worthy of note; together with University Hall, containing the library, art gallery, and museum of antiquities. Machinery Hall, erected in 1895, is equipped with all modern appliances for shop work and laboratory study. A gymnasium and armory, with a separate gymnasium and athletic grounds for women, provide for physical exercise.

Societies: The students maintain the Adelphic and Philomathean societies (for men), Alethenai (for women), Agricultural, Architects', Engineers', English, French, Medical, and Zoölogical clubs, the University, and Young Ladies' Latin Club, Military Band, University Chorus, Mandolin Club, two Christian Associations, and an Athletic Association, embracing football, baseball, and track teams. Chapters have been organized of Δ T Δ, 1872–1879, and Σ X, 1881. Of the 900 graduates, 875 are alive. The oldest of these is J. M. Matthews, M.D., 1872, of Mason, Ill.

Faculty.

Andrew Sloan Draper, LL.D., President.
John M. Gregory, LL.D., Emeritus.
Thomas J. Burrill, Ph.D., LL.D., Botany.
Samuel W. Shattuck, C.E., Math.
Edward Snyder, A.M., German.
N. C. Ricker, M.Arch., Architecture.
Ira O. Baker, C.E., Civ. Engineering.
Stephen A. Forbes, Ph.D., Zoölogy.
Chas. W. Rolfe, M.S., Chemistry.
Donald McIntosh, V.S., Vet. Science.
Arthur N. Talbot, C.E., Sanitary Engineering.
Arthur W. Palmer, Sc.D., Chemistry.
Frank F. Frederick, Design.
Samuel W. Parr, M.S., Applied Chem.
Herbert J. Barton, A.M., Latin.
Charles M. Moss, Ph.D., Greek.
Daniel K. Dodge, Ph.D., English.

L. P. Breckinridge, Ph.B., Mechanical Engineering.
David Kinley, Ph.D., Civics.
Daniel H. Thrush, U.S.A., Tactics.
Eugene Davenport, M.Agr., Animal Husbandry.
Arnold Tompkins, M.A., Pedagogy.
George W. Meyers, M.L., Math.
Henry E. Summers, B.S., Physiology.
Edgar J. Townsend, Ph.M., Math.
Evarts B. Green, Ph.D., History.
Catherine Merrill, A.B., English.
Wm. O. Kroen, Ph.D., Psychology.
J. M. White, B.S., Architecture.
W. H. Vandervoort, M.E., Mechanical Engineering.
W. D. Pence, C.E., Civ. Engineering.
H. S. Grindley, Sc.D., Chemistry.
Thomas A. Clark, B.L., Rhetoric.
Herman S. Piatt, M.A., Romance Languages.
B. B. Swenson, B.S., Electric. Engin.
A. H. Donalds, Ph.D., Philosophy.
Percy F. Bicknell, A.M., Librarian.
George D. Fairfield, A.M., Romance Languages.
Chas. W. Tooke, A.M., Public Law.
Walter H. Jones, Music.
H. H. Everett, Gymnastics.
G. D. Hamond, Ph.D., History.
F. A. Sager, B.S., Physics.
W. Estey, B.S., A.M., Electric. Engin.
C. D. McLane, B.S., Architecture.
Wm. E. Sandford, Ph.G., Pharmacy.
James D. Phillips, B.S., Drawing.
Frank Smith, A.M., Zoölogy.
Ralph P. Smith, Ph.B., German.
Helen E. Butterfield, M.L., Rhetoric.
Alton C. Burnham, B.S., Math.
Robert A. Wood, M.E., Mech. Engin.
George A. Goodenough, B.S., Mech. Engin.
Oscar Quick, A.B., Burton E. Moore, A.M., Physics.
Arthur L. Almy, M.E., Electric. Engin.
George P. Clinton, M.S., Botany.
Cyril B. Clark, Machine Shops.
Charles A. Gunn, B.S., Architecture.
Alfred H. White, A.B., Chemistry.
Albert R. Curtiss, Wood Shops.
Geo. W. McCluer, M.S., Horticulture.
Henry Jones, Blacksmith Shop.
Jeremiah G. Mosier, B.S., Geology.
R. C. Vial, B.S., Eng. Drawing.
C. F. Hottes, M.S., Botany.
E. J. Lake, B.S., Art and Design.
L. H. Morrison, Women's Gymnastics.
G. A. Huff, Jr., Gymnastics.
M. S. Ketchum, B.S., Civ. Engin.
C. V. Millar, M.S., Chemistry.
Paul Chipman, B.S., Mechanics.
Adeline W. Rawley, B.M., Singing.
Marion Thompson, B.L., French.
Wm. L. Steele, Music.
R. K. Porter, Tactics.
Chas. A. Hart, Curator of Collections.
Willis G. Johnson, A.M., Entomology.
Chas. A. Kofoid, Ph.D., Biol. Station.
Benjamin M. Duggar, A.M., Botany.
Adolph Hempel, B.S., Zoölogy.
Mary J. Snyder, Secretary Laboratory.
Henry C. Forbes, Librarian.
Lydia M. Hart, Art.
Wm. L. Pillsbury, A.M., Secretary Experiment Station.
Cyril G. Hopkins, M.S., W. A. Powers, B.S., Chemistry.
W. G. Fraser, B.S., Agriculture.

UNIVERSITY OF INDIANA.

(*See Indiana University, p.* 152.)

UNIVERSITY OF INDIANAPOLIS.

(*See Butler College, p.* 46.)

UNIVERSITY OF KANSAS.

Lawrence, Kan. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$100,000	875	54	7	23,148

History and Organization: In 1864 the State of Kansas accepted the Federal Land Grant of 1862, and established the university on its present site. Departments of literature, science, and art were at the same time created. At that time there were but four teachers in the faculty. The university is governed by a board of six regents. The chancellors have been: R. W. Oliver, 1866–1867; John Frazier, 1867–1874; James Marvin, 1874–1883; John A. Lippincott, 1883–1889; Regent Spangler, 1889–1890; and Francis Huntington Snow, the present incumbent.

Admission, Instruction, and Degrees: Admission is by examination, and on certificates from any public high school in the state. The regular college curriculum leads to degrees of B.A. and B.S., and the degrees of A.M. and Ph.D. are given after independent graduate study as well as degrees in law, pharmacy, and music after study in those departments. Attendance at chapel is voluntary. Physical culture is compulsory in the freshmen and sophomore years. Negroes are not excluded. Tuition is free to residents of the state. Others pay from $10 to $25 a year. Living expenses are estimated at from $140 to $300, including incidental fees in special studies. A prize of $25 is annually awarded for the best essay on English literature and a loan fund has been provided by the alumni of 1894.

Equipment: The college grounds cover forty acres. The seven buildings include North College (the oldest hall), Main Building, Chemistry Hall, Snow Hall, Music Hall, the Physics and Engineering Buildings, and the Spooner Library. The Museum of Natural History contains collections of zoölogy, paleontology, entomology, mineralogy, osteology, conchology, and ornithology, besides an herbarium of five thousand species.

Societies and Publications: The university publishes the "University Quarterly," while the students publish the "Courier" and "Journal," two weeklies; the "University Review" a monthly; "Kansas University Lawyer," and the "Kikalee," an annual. Among the societies are the Literary Society, Moot Senate, German Club, French Conversation Club, Science Club, Language Conference, Pharmaceutical Club, Greek Symposium, Electrical Seminary, Woman's League, two Christian Associations, and an Athletic Association, with football and baseball teams. Chapters of the following fraternities have been organized: Β Θ Π, 1872; Φ Κ Ψ, 1876; Κ Α Θ, 1881; Φ Δ Θ, Φ Γ Δ, 1882; Π Β Φ, 1883; Κ Κ Γ, 1883; Σ Ν, Σ Χ, 1884; and Θ Ν Ε.

The graduates number 1,000, of whom L. D. L. Tosh, 1873, of Argentine, Kan., is the oldest.

Faculty.

Francis Huntington Snow, Ph.D., LL.D., President, Botany, Entomol.
David Hamilton Robinson, Ph.D., Latin.
Ephraim Miller, A.M., Math., Astron.
James W. Green, A.M., Dean of Law School.
William H. Carruth, A.M., Ph.D., German.
Frank O. Marvin, A.M., Civ. Engin.
Edgar H. S. Bailey, Ph.D., Chemistry and Metallurgy.
James W. Gleed, A.M., Real Estate Law.
Alexander M. Wilcox, Ph.D., Greek.
Lucius E. Sayre, Ph.G., Pharmacy.
Arthur G. Canfield, A.M., French.
Lucien I. Blake, Ph.D., Physics and Electricity.
Lewis L. Dyche, A.M., M.S., Zoölogy.
Frank W. Blackmar, Ph.D., History and Sociology.
Charles G. Dunlap, A.B., Litt.D., English.
George B. Penny, B.S., Music.
Samuel W. Williston, A.M., M.D., Ph.D., Geology and Physiology.
Carl A. Preyer, Piano.
Olin Templin, A.M., M.S., Philosophy.
Frank H. Hodder, Ph.M., American History.
Edwin M. Hopkins, Ph.D., English.
Joseph A. Farrell, Violin.
Alfred H. Clark, Drawing, Painting.
Erasmus Haworth, M.S., Ph.D., Physical Geology.
Henry B. Newson, Ph.D., Math.
William C. Stevens, M.S., Botany.
Ephraim D. Adams, Ph.D., History.
Arvin S. Olin, A.M., Pedagogy.
Rev. Hector W. Cowan, A.M., Physical Culture.
E. C. Franklin, M.S., Ph.D., Chem.
M. W. Sterling, A.M., Greek.
E. C. Murphy, M.S., C.E., Civil Engineering.
F. E. Ward, Electrical Shop.
Hannah Oliver, A.M., Latin.
S. R. Boyce, Ph.G., Pharmacy.
H. F. Jones, A.B., English.
E. F. Engel, A.B., German.
Eugénie Galloo, B.L., A.M., French and Spanish.
W. A. Snow, B.E., Entomology.
A. St.C. Dunstan, C.E., Physics.
M. E. Rice, M.S., Physics.
M. A. Barber, A.M., Botany.
S. O. Thacher, LL.D., Equity.
A. W. Benson, Pleading.
S. A. Riggs, A.M., Torts.
D. M. Valentine, Wills, etc.
C. L. Dobson, Corporations.
James Humphrey, Evidence.
Wm. B. Brownell, A.B., LL.B., Domestic Relations, etc.
May M. Pierce-Clark, Phys. Culture.
Virgil L. Leighton, A.B., Chemistry.
E. Geneve Lichtenwalter, Mus.B., Piano.
Arnold Emch M.S., Mechanical Drawing.
Carrie M. Watson, A.B., Librarian.

UNIVERSITY OF MICHIGAN.

Ann Arbor, Mich. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$445,805	3,000	183	20	100,000

History and Organization: The university was established by a legislative act of 1821, repealing a previous act of 1817, by which a "university or catholepistemiad" had been created by the *ipse dixit* of Judge C. B. Woodward. The university was not organized until March of 1837, when the regents obtained a loan of $100,000 from the state, and erected five buildings at Ann Arbor. In the fall of the same year instruction was begun with a faculty of two, and an

entering class of six. Until 1853 the school remained in a state of partial development, owing to incessant interferences from the legislature, and internal dissensions among the faculty. In 1852 a new board of regents was constituted, with a president to whom independence of action was guaranteed. Dr. Henry P. Tappan was elected, and continued in office until 1863, when he was summarily removed. This action was protested against by the faculty, as well as by the students and alumni, and was twice made a subject of censure by subsequent boards of regents. During Dr. Tappan's presidency the university more than quadrupled in numbers, and made itself recognized as a school of liberal learning on both sides of the Atlantic. Since that time the presidents have been: Erastus Otis Haven, 1863–1869; Henry S. Frieze, 1869–1871; and James Burrill Angell, from 1871 until the present time.

In 1870 the university, under pressure from the legislature, opened its doors to women. The first to enter was Madelon A. Stockwell. Since 1867, the university has received from the State $1,800,000. The School of Mines was established in 1875, the Homœopathic College and School of Pharmacy in 1876, and the first hospital and museum in 1879. The semi-centennial of the university was celebrated in 1887.

Organization: The university is a part of the public educational system of the State. The governing body is a board of eight regents, elected by popular vote for eight years. The university comprises the department of literature, science, and arts, including the graduate and summer school, the departments of engineering, of medicine and surgery, of law, the school of pharmacy, the homœopathic medical college, and that of dental surgery. Each department, school, and college, has its special faculty. The university senate is composed of all the faculties, and considers questions of common interest and importance.

Admission, Degrees, etc.: Candidates for admission must be at least sixteen years old, and must pass the prescribed entrance examinations. In the department of literature, science, and arts, different lines of study lead to the degrees of Bachelor of Arts, of Philosophy, of Science, and of Letters, and to the corresponding masters' degrees; as well as to doctor of philosophy, of science, of letters and to civil, mechanical, mining and electrical engineer. The degree of Bachelor of Science is given for the course in general science, and for the courses in engineering, in chemistry, and in biology. In the professional schools the degrees are as follows: In departments of medicine and surgery, Doctor of Medicine; in law, Bachelor and Master of Laws; in pharmacy, Pharmaceutical Chemist and Master of Pharmacy; in the Homœopathic College, Doctor of Medicine; in dental surgery, Doctor of Dental Surgery and of Dental Science.

Students in any department may enter the classes in any other, upon permission from the faculties of the respective departments.

Dues and Scholarships: The matriculation fee is $10. The annual fees for the different departments are as follows: In the literary department for all residents of the State $25, for others $35; in the departments of law, medicine, surgery, pharmacy, homœopathy and dentistry, $30 for residents, and $40 for others. Further fees are

also charged for incidental expenses and for laboratory work, and a fee of $10 for every diploma.

Two fellowships yielding $500 are offered, and nine scholarships for graduates of the high schools of Detroit, Saginaw, and Grand Rapids. The late H. S. Phillips, Jr., established six scholarships, and funds aggregating $30,000 have been contributed for the same purpose by Mrs. C. H. Stranahan and by the class of 1894. Attendance at chapel has not been required for nearly twenty years.

Equipment: Of the college buildings five are museums, containing collections of objects of natural history, a Chinese exhibit and anthropological specimens, and an art gallery costing more than $200,000. Seven laboratories and an astronomical observatory have been equipped by the different departments. The libraries are the General, the Medical, the Law Library and that of Dental Surgery. They contained September 30, 1895, 98,707 volumes, 17,241 unbound pamphlets, and 1,151 maps. There are two hospitals, and a new gymnasium costing $70,000, with an athletic field covering ten acres.

Societies and Publications: The societies are the Choral Union, the Φ Φ A, the Students' Lecture Course, Oratorical Association, Moot Court, engineering, philological and philosophical societies, the Mathematical Club and the Political Science Association, with many other kindred organizations, besides an Athletic Association with football, baseball, lacrosse, and other teams, all under the control of the faculty. The Christian Association hold meetings for social and religious improvement. There are five church guilds for religious culture and social entertainment. The students publish a daily, weekly and monthly journal, besides the "Palladium," an annual.

Chapters of the following fraternities have been organized: Β Θ Π, Χ Ψ, 1845; Α Δ Φ, 1846; Δ Κ Ε, 1855; Δ Φ, 1855–1878; Ζ Ψ, Σ Φ, 1858; Φ Δ Θ, 1864; Ψ Υ, 1865; Φ Δ Φ, 1869; Δ Τ Δ, 1875; Φ Κ Ψ, Δ Υ, 1876; Σ Χ, 1873; Κ Α Θ, 1879–1886; Γ Φ Β, 1881; Ν Σ Ν, 1882; Χ Φ, 1882–1885; Φ Γ Δ, Δ Γ, 1885; Π Β Φ, Α Τ Ω, Μ Σ Α, 1888; Σ Α Ε, 1889; Θ Δ Χ, 1888 and Α Ε Ι, 1890.

The graduates number 13,700, of whom 12,600 are living. Among 2,874 students during the last year 576 were women.

Faculty.

James B. Angell, LL.D., President.
Albert B. Prescott, Ph.D., M.D., Chemistry.
Rev. Martin L. D'Ooge, LL.D., Dean, Greek.
Chas. E. Greene, A.M., C.E., Civil Engineering.
Jonathan Taft, M.D., D.D.S., Oral Pathology and Surgery.
William H. Pettee, A.M., Mineralogy and Mining.
John A. Watling, D.D.S., Dentistry.
Edward L. Walter, Ph.D., Romance Languages and Literatures.
Isaac N. Demmon, A.M., English.
Wm. H. Dorrance, D.D.S., Dentistry.
Albert H. Pattengill, A.M., Greek.
Mortimer E. Cooley, M.E., Mechanical Engineering.
William J. Herdman, Ph.B., M.D., Electrotherapeutics.
Wooster W. Beman, A.M., Math.
Victor C. Vaughan, Ph.D., M.D., Hygiene and Chemistry.
Thomas M. Cooley, LL.D., American History and Law.
Charles S. Denison, M.S., C.E., Geometry and Drawing.
Henry S. Carhart, LL.D., Physics.
Levi T. Griffin, A.M., Law.

Raymond C. Davis, A.M., Librarian.
Volney M. Spalding, Ph.D., Botany.
Henry C. Adams, Ph.D., Polit. Econ.
Calvin Thomas, A.M., Germanic Languages.
Burke A. Hinsdale, LL.D., Teaching.
Richard Hudson, A.M., History.
Bradley M. Thompson, M.S., LL.B., Law.
Albert A. Stanley, A.M., Music.
Francis W. Kelsey, Ph.D., Latin.
Jerome C. Knowlton, A.B., Law.
Charles B. Nancrede, A.M., M.D., Surgery.
Charles S. Mack, A.B., M.D., Materia Medica and Therapeutics.
Flemming Carrow, M.D., Ophthalmic and Aural Surgery.
Otis C. Johnson, Ph.C., A.M., Applied Chemistry.
Paul C. Freer, Ph.D., M.D , General Chemistry.
Jas. N. Martin, Ph.M., M.D., Obstet.
Nelville S. Hoff, D.D.S., Dental Materia Medica.
George Dock, M.D., Theory and Practice and Clinical Medicine.
John W. Champlin, LL.D., Law.
Andrew C. McLaughlin, A.B., LL.B., American History.
Joseph B. Davis, C.E., Geodesy and Surveying.
Asaph Hall, Jr., Ph.D., Astronomy.
Israel C. Russell, M.S., C.E., Geology.
Warren P. Lombard, A.B., M.D., Physiology and Histology.
Floyd R. Mechem, A.M., Law.
Jacob E. Reighard, Ph.B., Animal Morphology.
Thos. C. Trueblood, A.M., Elocution and Oratory.
James A. Craig, Ph.D., Semitic Languages and Hellenistic Greek.
Alexis C. Angell, A.B., LL.B., Law.
John C. Rolfe, Ph.D., Latin.
J. Playfair McMurrich, Ph.D., Anat.
Harry B. Hutchins, Ph.B., Law, and Dean of Law School.
Thomas A. Bogle, LL.B., Law.
Wilbert B. Hinsdale, A.M., M.D., Materia Medica and Homœopathy.
Oscar Le Seure, M.D., Surgery.
Roy S. Copeland, M.D., Ophthalmology, Otology, and Pædology.
Fred. G. Novy, Sc.D., M.D., Hygiene.
George Hempl, Ph.D., English.
Edw. D. Campbell, B.S., Metallurgy.
Fred M. Taylor, Ph.D., Pol. Econ.
James B. Fitzgerald, M.D., Director Gymnasium.
Paul R. dePont, A.B., B.S., French.
Clarence G. Taylor, B.S., Supt. Shops.
Joseph H. Drake, A.B., Latin.
Fred N. Scott, Ph.D., Rhetoric.
Alexander Ziwet, C.E., Mathematics.
Geo. W. Patterson, Jr., A.M., S.B., Physics.
F. C. Wagner, A.M., B.S., Mech. Eng.
G. Carl Huber, M.D., Histology.
Alviso B. Stevens, Ph.G., Pharmacy.
John O. Reed, Ph.M., Physics.
Wm. A. Campbell, B.S., M.D., Anat.
Wm. F. Breakey, M.D., Dermatology.
Joseph L. Markley, Ph.D., Math.
Moritz Levi, A.B., French.
Elmer A. Lyman, A.B., Math.
George O. Higley, M.S., David M. Lichty, M.S., General Chemistry.
Max Winkler, Ph.D., German.
Jos. H. Vance, LL.B., Law Librarian.
Joseph Clark, Supt. of Hospitals.
Hamilton Reeve, Supt. of Buildings.

UNIVERSITY OF MINNESOTA.

Minneapolis, Minn. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$250,000	2,575	144	22	40,000

History and Organization: The university was first organized in 1851, but was reorganized in 1860, 1864, and in 1868, when college work was at last begun. The university comprises the following colleges and departments: Graduate Department, College of Science, Literature and Arts, College of Engineering, Metallurgy and the

Mechanic Arts, College of Agriculture, College of Law, the Department of Medicine, composed of the Colleges of Medicine and Surgery, of Homœopathic Medicine and Surgery, of Dentistry, and of Pharmacy; the Experiment Station, and the Geological and Natural History Survey. The government of the university is vested in a board of twelve regents; nine of these members are appointed by the governor of the state and confirmed by the senate, and hold office for six years. The other three members are *ex-officio*, the governor of the state, the state superintendent of public instruction, and the president of the university.

Admission, Instruction, and Degrees: Admission is by examination and on the certificates of the high schools of Minneapolis and twenty-one other schools. Negroes are not excluded. Courses of two, three and four years in the various departments lead to degrees of A.B., B.S., B.L., C.E., M.E., E.E., B.Agr., B.LL., M.D., D.D.M., and Ph.G. Degrees of A.M., and Ph.D. are conferred only after prescribed graduate studies. Attendance at military drill is compulsory for men during the first two years, but attendance at chapel is voluntary.

Dues, Scholarships, and Prizes: Tuition is free in all studies but those of the professional schools with incidental fees ranging from $5 to $20. Nine prizes of from $20 to $100 are offered in history and English, two in engineering; one fellowship of $280; five scholarships and honors in various courses and departments. The college year lasts from the first week in September to the first week in June.

Equipment: The campus covers fifty acres and commands a view of the Falls of St. Anthony. Among the twenty-two college buildings are a gymnasium, library, and many museums with collections of minerals, casts, fossils, fac-similes of manuscripts, birds, and a herbarium of 175,000 specimens. An astronomical observatory and agricultural experiment station have been established with a farm and orchards covering 366 acres.

Societies and Publications: The students publish the "Quarterly Bulletin," the "Ariel," "Junior Annual," "Engineering Year-Book" and "Y. M. C. A. Hand-book." Among the societies are the Hermian, Delta Sigma, Shakespearean, Forum, Minerva, Law, Literary, University Congress, Society for Psychical Research, Knights of English Learning, Philological Society, Fortnightly Scientific Club, Societas Latina, Political-Historical Union, Graduate Club, two Christian Associations and an Athletic Association, with football, baseball, track and other teams and clubs. Chapters have been organized of: Κ Ψ, 1874; Θ Φ, 1874; Φ Δ Θ, 1881–1889; Κ Κ Γ, 1880; Α Γ, 1882; Δ Τ Δ, 1883; Σ Χ, 1888; Φ Κ Ψ, 1888; Κ Α Θ, 1889; Β Θ Π, 1890; Π Β Φ, 1890; Φ Γ Δ, 1890; Δ Υ, 1890; and others making twenty-two in all.

The graduates number some 1600, of whom the oldest are Warren C. Heustis of Owatana, Minn., and Henry M. Williamson, of Portland, Oregon, of the class of 1873.

Faculty.

Cyrus Northrop, LL.D., President.
William W. Folwell, LL.D., Political Science, Internat'l Law, Librarian.
Jabez Brooks, D.D., Greek.
Newton H. Winchell, M.A., Geology and Mineralogy.
Charles N. Hewitt, M.D., Sanitary Science.

John G. Moore, B.A., German.
Christopher W. Hall, M.A., Geology and Mineralogy.
John C. Hutchinson, B.A., Greek.
John S. Clark, B.A., Latin.
Matilda J. Wilkin, M.L., German.
John F. Downey, M.A., C.E., Mathematics and Astronomy.
Maria L. Sanford, English.
Charles W. Benton, B.A., French.
Olaus J. Breda, Scandinavian.
Charles F. Sidener, B.S., Chemistry.
Henry F. Nachtrieb, B.S., Zoölogy.
Frederick S. Jones, B.A., Physics.
William R. Hoag, C.E., Civil Engineering.
Conway MacMillan, M.A., Botany.
Joseph B. Pike, M.A., Latin.
E. Eugene McDermott, M.S., English.
Frederick J. E. Woodbridge, B.A., Philosophy.
Harry E. Smith, M.E., Mechanical Engineering.
George D. Shepardson, A.M., M.E., Electrical Engineering.
Harry A. Leonhaeuser, Lieut. U.S.A., Military Tactics.
William R. Appleby, M.A., Mining and Metallurgy.
Willis M. West, M.A., History.
David L. Kiehle, LL.D., Pedagogy.
Samuel G. Smith, D.D., Sociology.
Francis P. Leavenworth, M.A., Astron.
Arthur E. Haynes, M.S., M.Ph., Mathematics.
D. T. MacDougall, M.S., M.A., Botany.
George B. Frankforter, M.A., Ph.D., Chemistry.
William H. Kirchner, B.S., Drawing.
Frederick Klaeber, Ph.D., English Philology.
Henry T. Eddy, Ph.D., Engineering and Mechanics.
Charles L. Wells, Ph.D., History.
James Richard Jewett, Ph.D., Semitic.
Charles F. McClumpha, M.A., Ph.D., English.
Frederick W. Denton, C.E., Mining.
Frank H. Constant, C.E., Civil Engineering.
H. Wade Hibbard, B.A., M.E., Mechanical Engineering.
Warren Upham, M.A., Glacial Geology.
Samuel B. Green, B.S., Horticulture.
Otto Lugger, Ph.D., Entomology.
Henry W. Brewster, Ph.D., Agriculture.
Harry Snyder, B.S., Agricult. Chem.
T. L. Haecker, Dairy Husbandry.
Willet M. Hays, B.Agr., Exp. Sta.
Thomas Shaw, Animal Husbandry.
M. H. Reynolds, M.D., V.M., Veterinary Medicine and Surgery.
William S. Pattee, LL.D., Law of Contracts.
Charles A. Willard, LL.B., Law of Bailments.
Judge James O. Pierce, Jurisprudence and History.
Hon. C. D. O'Brien, Criminal Law.
Charles W. Bunn, LL.B., Suretyship and Mortgages.
George B. Young, A.M., LL.B., Conflict of Laws.
A. C. Hickman, A.M., LL.B., Pleading and Practice.
Charles B. Elliott, Ph.D., Corporations.
John D. Smith, American Constitutional Law.
H. F. Stevens, Law of Real Property.
T. Dwight Merwin, A.B., Patent Law.
James Paige, M.A., LL.M., Domestic Relations.
Edwin A. Jaggard, Torts and Criminal Law.
A. D. Keyes, Minnesota Practice.
Arthur P. Will, LL.B., Circumstantial Evidence.
Herbert R. Spencer, Admiralty Law.
Francis B. Tiffany, LL.B., Criminal Law.
Henry J. Fletcher, Property.
Perry H. Millard, M.D., Surgery.
Thomas G. Lee, B.S., M.D., Histology and Embryology.
George A. Hendricks, M.S., M.D., Anatomy.
Richard O. Beard, M.D., Physiology.
Charles J. Bell, A.B., Chemistry.
Henry M. Bracken, M.D., L.R.C.S., Materia Medica and Therapeutics.
Charles H. Hunter, A.M., M.D., Medicine.
Everton J. Abbott, A.B., M.D., Clinical Medicine.
Albert E. Senkler, M.D., Clinical Medicine.
J. W. Bell, M.D., Physical Diagnosis.

C. A. Wheaton, M.D., Clinical Surg.
Frederick A. Dunsmoor, M.D., Operative Surgery.
Parks Ritchie, M.D., Obstetrics.
A. B. Cates, A.M., M.D., Obstetrics.
J. Clark Stewart, B.S., M.D., Pathol.
Frank F. Wesbrook, M.A., M.D., C.M., Bacteriology.
Alex. J. Stone, M.D., LL.D., Diseases of Women.
Amos W. Abbott, M.D., Diseases of Women.
A. McLaren, A.B., M.D., Diseases of Women.
John F. Fulton, Ph.D., M.D., Ophthalmology.
Frank Allport, M.D., Ophthalmology.
C. Eugene Riggs, A.M., M.D., Nervous and Mental Diseases.
W. A. Jones, M.D., Mental and Nervous Diseases.
James H. Dunn, M.D., Genito-Urinary Diseases.
Charles L. Wells, A.M., M.D., Diseases of Children.
James E. Moore, M.D., Orthopedia.
Max P. Vanderhorck, M.D., Diseases of the Skin.
W. S. Laton, M.D., Diseases of the Nose and Throat.
Charles A. Erdman, M.D., Anatomy.
Charles L. Green, M.D., Clin. Med.
H. L. Staples, M.D., Latin.
Robert A. Wheaton, M.D., Surgery.
Herbert W. Davis, M.D., Obstetrics.
George L. Coon, M.D., Genito-Urinary Diseases.
John T. Rogers, M.D., Diseases of Children.
Arthur J. Gillette, M.D., Orthopedia.
Burnside Foster, M.D., Diseases of the Skin.
John L. Rothrock, M.D., Pathology.
Geo. D. Head, B.S., M.D., Pathol.
J. E. Schadle, M.D., Diseases of the Nose and Throat.
H. C. Carel, B.S., Chemistry.
Francis Ramaley, B.S.
Alonzo P. Williamson, A.M., LL.B., M.D., Professor of Mental and Nervous Diseases.
William E. Leonard, A.B., M.D., Materia Medica.
George E. Ricker, A.B., M.D., Clinical Medicine.
Robert D. Matchan, M.D., } Surgery.
Marshall P. Austin, M.D., }
Warren S. Briggs, B.S., M.D., Clinical and Orthopædic Surgery.
B. Harvey Ogden, A.M., M.D., Obstetrics.
Eugene L. Mann, A.B., M.D., Diseases of the Nose.
Frederick M. Gibson, M.D., O. et A. Chiv., Ophthalmology.
George E. Clark, Ph.D., M.D., Medicine.
George F. Roberts, M.D., Diseases of Women.
Edward E. Austin, M.D., Diseases of Women.
Henry H. Leavitt, A.M., M.D., Diseases of Children.
Thomas J. Gray, M.D., History and Methodology of Medicine.
Robert R. Rome, M.D., Clinical Obstetrics.
Thomas E. Weeks, D.D.S., Operative Dentistry.
Charles M. Bailey, D.M.D., Orthodontia.
William P. Dickinson, D.D.S., Therapeutics.
Frederick B. Kremer, D.D.S., Crown and Bridge Work.
Frederick J. Wulling, Ph.G., Pharmacy.

INSTRUCTORS.

Charles R. Aldrich, Drawing School.
Frank M. Anderson, B.A., History.
Charles M. Andrist, B.L., French and German.
Charles P. Berkey, M.S., Mineralogy.
Emma Bertin, French.
Andrew Boss, Dressing and Curing Meats.
William Boss, Carpentry and Engineering.
Amelia L. Burgess, Freehand Drawing.
Albert I. Calais, B.-ès-L., French.
Peter Christianson, B.S., B.Min.E., Mining Engineering.
Fred E. Cobb, D.M.D., Clin. Instr.
Nellie M. Cross, B.L., Physical Culture.
Willard W. Dakin, Instrument Maker.
J. M. Drew, Blacksmithing.
Oscar W. Firkins, B.A., Rhetoric.
Alvin D. Gaines, M.A., Language.
Harlow S. Gale, B.A., Psychology.
James H. Gill, B.M.E., Iron Work.
Charles Graves, Military Tactics.

Edward Haas, D.M.D., Clin. Instr.
Everhart P. Harding, M.S., Chem.
Mary V. Hartzell, D.M.D., Clinical Instructor.
Thomas B. Hartzell, D.M.D., M.D., Pathology.
Arthur L. Helliwell, B.A., Rhetoric.
W. F. Jewett, D.M.D., Clin. Instr.
Louise Kiehle, Physical Culture.
Frank M. Manson, B.S., Animal Biology.
George S. Monson, D.M.D., Prosthetic Technics.
Edward E. Nicholson, B.S., Chem.
Mark O. Nelson, D.M.D., Prosthetic Dentistry.
Oscar W. Oestlund, M.A., Animal Biology.
Alfred Owre, D.M.D., M.D., Clinical Instructor.
William Robertson, B.S., Physics and Botany.
Marie Schön, German.
Winnifred Schureman, Rhetoric.
Hannah R. Sewall, M.A., Polit. Sci.
James M. Tate, Wood Work.
Nellie Trufant, Freehand Drawing.
J. A. Vye, Penmanship and Accounts.
James M. Walls, D.M.D., Clinical Instructor.
Nathan L. Watson, D.M.D., Clinical Instructor.
Oscar A. Weiss, D.M.D., Operative Technics.
Frank R. Wright, D.D.S., M.D., Anæsthesia.
Alice Young, English.
John Zeleny, B.S., Physics.

UNIVERSITY SCHOLARS.

Giving Instruction and Assisting in Laboratories.

Charles W. Hack, J. Frank Corbett, Anatomy.
L. E. Griffin, Animal Biology.
George G. Balcom, Bacteriology and Pathology.
Josephine E. Tilden, B.S., Botany.
William F. Kunze, Paul M. Glasoe, Chemistry.
Charles H. Kendall, C.E., Civil Engineering.
Gentz Perry, Dispensary.
Arthur L. Abbott, Drawing.
Frank W. Springer, B.E.E., Electrical Engineering.
Arthur H. Elftman, M.S., Geology.
Soren P. Rees, B.S., Carl Huhn, B.A., Histology.
James S. Gilfillan, Materia Medica.
Ralph K. Keene, Frank E. Burch, Medical Chemistry.
B. O. Leubner, Pharmacy.
Anthony Zeleny, M.S., C. Edward Magnusson, Physics.
Harvey Ritchie, Jr., Mortimer R. Wilcox, Physiology.

UNIVERSITY OF MISSISSIPPI.

Oxford, Miss. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$36,243	252	16	1	15,500

History and Organization: The university was chartered in 1848. Women were admitted in 1882. The school is governed by a board of nine trustees. It is divided into two departments of literature and art and of professional education, including twenty-one minor schools. Schools of medicine, pharmacy and engineering are to be added in the near future. Admission is on certificate and by examination. Students must be at least sixteen years old. The curriculum is partly prescribed and partly elective. All students are required by law to attend chapel and religious service, and are forbidden by law to carry or bring deadly weapons within two miles of the college campus. The degrees are A.B., B.S., Ph.B., with A.M. and Ph.D.

after graduate study. Matriculation costs $10, and tuition in the law school $50. In the other departments tuition is free. The expenses for the year, from September 12 to the first Wednesday in June, are $160. Four gold medals for oratory are annually awarded by the trustees and officers of the two literary societies. A scholarship fund, yielding $1,400 a year, has been established, and there are four fellowships for professors, yielding $400 each.

Societies: The literary societies are the Phi Sigma and Hermean. The law students maintain a Blackstone Club and Moot Court. Two Christian Associations have been organized, as have been chapters of: Rainbow, Δ T Δ, 1848: Δ K E, 1851; Δ Ψ, 1855; Mystical Seven, B Θ Π, Σ X, Φ K Ψ, 1857; X Ψ, 1858; Φ K Σ, 1859–1861; Σ A E, 1866; Φ Γ Δ, 1868–1879; Φ Δ Θ, 1877; A B T, 1882; K A, 1883; and Δ Γ, 1872–1889.

Of 1,170 graduates, 860 are living. The oldest is Thomas E. Brigg, 1851, of Starke, Fla.

Faculty.

Robert Burwell Fulton, M.A., Chancellor, Physics and Astronomy.
Richard W. Jones, LL.D., Chemistry.
Alfred Hume, C.E., D.Sc., Secretary, Mathematics.
Richard M. Leavell, M.A., LL.D., Philosophy.
Chiles C. Ferrell, Ph.D., Mod. Lang.
Jas. U. Barnard, A.M., P.T., Pedagogy.
J. W. Johnson, M.A., Ph.D., Physics.
Alexander L. Bondurant, A.M., Latin and Greek.
Sallie M. Isom, Elocution.
Thomas O. Mabry, M.A., Nat. Hist.
Paul H. Saunders, M.A., Ph.D., Latin and Greek.
G. D. Shands, LL.B., Law.
Horatio F. Simrall, LL.D., Robert A. Hill, Jehu A. Orr, A.M., Hugh A. Barr, Lecturers on Law.

UNIVERSITY OF MISSOURI.

Columbia and Rolla, Mo. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$145,000	606	59	16	23,000

History and Organization: The university was chartered in 1839 and academic instruction began two years later. The normal department dates from 1867. Agricultural and metallurgical departments were established in 1870, a Law School in 1872, Medical College in 1873, School of Engineering in 1877, Experiment Station in 1888, and the State Military School in 1890. In 1892 the main building was burned and the state legislature gave $273,000 to repair the loss, adding $264,000 in 1893, with $25,000 for a new building at Rolla. The university is governed by nine curators, and besides its faculty of arts and letters comprises seven professional schools. The presidents have been: John H. Lathrop, six years; James Shamon, six years; N. N. Hudson, three years; B. B. Minor, four years; Daniel Read, nine years; S. S. Laros, thirteen years; and R. H. Jesse, 1890, now in office.

Admission, Instruction, Degrees: Admission is on certificate and by examination. The curriculum leads to degrees of A.B., B.S., B.L.,

B.Pe., B.Agr., B.LL., B.S., and the three engineering degrees. Degrees of M.D., A.M., and Ph.D., are conferred only after one or three years of resident graduate study. Attendance at chapel and military drill is voluntary, except for state cadets.

Dues, Scholarships and Prizes: Tuition is from $10 to $50. Other expenses aggregate $175. Free scholarships have been established for one student from every county of the state. Teaching fellowships, yielding $200, are also offered to graduates. Prizes are offered for oratory. The college year at Columbia lasts from September 8 to June 2, and at Rolla from September 14 to June 10.

Equipment: The university proper is at Columbia with grounds of thirty-two acres. The School of Mines and Metallurgy is at Rolla. The agricultural farm embraces 768 acres, including thirty acres of horticultural grounds. The new auditorium, which was recently dedicated by President Angell of Michigan, seats fifteen hundred persons. The Academic Hall, which was erected after the fire, is declared to be the finest educational building in the state. All the principal buildings at Columbia are grouped around a university quadrangle. Besides the general library, special law and medical libraries have been provided, together with special reference libraries for each department. Among the latest additions to the university are a new gymnasium and new athletic grounds. A separate gymnasium and athletic grounds have been provided for women.

Societies and Publications: Of periodicals published by the students there are: the "Independent," a bi-weekly; the "Argus," a monthly; and the "Savitar," an annual. The societies are: the Athenæum, Union Literary, Bliss Lyceum, the Medical, Agricultural, and Engineers' societies, University Debating club, Philalethean (for women), two Christian Associations, Glee, Mandolin, Guitar, and Banjo clubs, and an Athletic Association, with football, baseball, and other teams. A Scientific and Literary Club, Journal Club, and the Alpha (a women's literary society), are maintained at Rolla. Chapters of the following fraternities have been organized: Φ K Ψ, 1869–1876; Φ Δ Θ, 1870; Δ T Δ, 1872; K K T, 1875; Σ A E, 1884; Σ N, 1886; and B Θ Π, 1890.

Faculty.

Richard H. Jesse, LL.D., President.
Paul Schweitzer, Ph.D., Chemistry.
Andrew W. McAlester, A.M., M.D., Surgery.
Woodson Moss, D.D., Anatomy.
W. C. Tindall, A.M.,M.S., Math.
Edward A. Allen, Litt.D., English.
Henry C. Penn, A.M., English.
Garland C. Broadhead, M.S., Geology.
James A. Yantis, LL.B., Law.
Millard Lipscomb, A.M., Physics.
Walter B. Richards, M.A., School of Mines.
Alexander Martin, A.M., LL.D., Law.
William G. Manly, A.M., Greek.
Milton Updegraff, M.S., B.C.E., Astronomy.
Joseph P. Blanton, A.M., Teaching.
John M. Burnam, Ph.D., Latin.
Christian W. Marx, B.E., Mechanical Engineering.
John W. Connaway, M.D.C., M.D., Physiology.
Wm. Shrader, B.S., Ph.D., Electrical Engineering.
Elmo G. Harris, C.E., Civ. Engin.
John D. Lawson, B.C.L., LL.D., Law.
Fred. C. Hicks, B.A., Ph.D., History.
John Pickard, A.M., Ph.D., Classical Archæology.
Frank Thilly, B.A., Ph.D., Philosophy.
Harry Thomas Cory, M.E., M.C.E., Civil Engineering.
Luther M. Defoe, A.B., Mathematics.

Howard Ayers, B.S., Ph.D., Biology.
John C. Whitten, B.S., Horticulture.
Courtney Dekalb, Mining.
Arthur H. Timmerman, B.S., M.M.E., Physics.
Walter A. Thurston, U.S.A., Military Science.
Sidney Calvert, B.Sc., A.M., Chem.
Henry J. Waters, B.A.S., Agriculture and Mechanic Arts.
Isidor Loeb, M.S., LL B., Ph.D., Hist.
Benj. F. Hoffman, M.L., Germanic Languages.
Fred. B. Mumford, M.S., Agriculture.
H. M. Belden, B.A., Ph.D., English.
John M. Stedman, B.Sc., Entomol.
Geo. W. Cutler, M.D., Phys. Culture.
Eugene T. Allen, A.B., Ph.D., Chem.
Raymond Weeks, A.M., Romance Languages.
Joseph F. Paxton, A.M., Latin.
Matthew B. Hammond, Ph.B., M.L., Political Economy.
Paul J. Wilkins, B.S., Academic Dept.
Silas Dinsmoor, A.B., Chemistry.
Thomas L. Rubey, A.M., Librarian.
Howell Van Blarcom, Mech. Arts.
Arthur H. Place, C.E., Drawing.
Edward B. Cauthorn, B.S., Math.
William W. Griffith, B.S., Physics.
Robt. E. Graham, M.D., Bacteriology and Pathology.
Curtis F. Marbut, B.S., A.M., Geology and Mineralogy.
Mary E. Porter, B.L., Commercial Studies.
George E. Miller, B.S., Shop Work.
Irving Hardesty, A.B., Biology.
Eva Johnston, A.B., Jennie Adams, A.B., Latin.
Minna A. Kidwell, A.B., Romance Languages.
Thomas J. Taylor, A.B., Germanic Languages.
John W. Monser, Librarian.
Irving Switzler, Secretary Agricultural College.
Gen. J. B. Douglass, College Lands.

UNIVERSITY OF NASHVILLE.

Nashville, Tenn. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$63,500	1,439	52	———	12,000

History: In 1785, eleven years before Tennessee became a State, Davidson Academy, the predecessor of this university, was incorporated by the Legislature of North Carolina, and 250 acres of land at Nashville was given to it. In 1806 the academy was re-organized as Cumberland University. In 1825 the university assumed its present name. Prominent among the trustees of that time was Andrew Jackson. The Medical College was established in 1850, and in the same year the literary department was closed. In 1855 the college proper was re-opened as a Military College, but was closed again in 1861 at the opening of the Civil War. The medical college, however, continued throughout the war. In 1867 Bell Academy was opened as a preparatory school to the college, which shortly afterward resumed instruction. In 1875 the Peabody Fund for a State Normal College was accepted. In 1889 the literary department was merged into this college. New buildings were provided in 1890 and in the three following years. The legislative appropriation in 1895 was increased to $420,000 leading to the establishment of a musical conservatory in 1896. The chancellors and presidents have been: Dr. Craighead, 1806–1809; Rev. Dr. James Priestley, 1809–1821; Rev. Dr. Philip Lindsley, 1821–1850; Felix Robertson, 1852–1855; Gen. Bush-

rod R. Johnson, 1855–1861; Gen. E. Kirby, 1870–1875; Rev. Eben S. Stearns, 1875–1887; and William H. Payne, A.M., from 1887 until the present.

Organization: The university is governed by nine trustees, and consists of the Peabody Normal College, Medical School, and College of Music with the associated Bell Academy, and Winthrop Model School. Admission is by examination or on certificate. Degrees of B.A., B.S., B.L., are conferred, with corresponding masters' degrees after two years of resident graduate study. The degree of M.D. is conferred by the Medical School while the other non-collegiate departments confer licentiate's diplomas and degrees in music. At commencement all recipients of degrees must appear in academic costume. Tuition is free. Fees are charged for matriculation, incidentals and diplomas making the total expenses for the year, lasting from September 1 to June 2, $150. The Peabody scholarships for $100 a year now number 104, and are distributed among the students of twelve southern states. In the Bell Academy twenty-five tuition scholarships are offered.

Societies and Publications: The students publish the "Peabody Record," a weekly, and the "Historical Magazine," a quarterly. The societies are the Agatheridon and Erosophian, dating from 1825; with the Girls' Chapter, Adelphic, Peabody and Alpha Phi, all literary societies; two Christian Associations, a Lecture Association, an Athletic Association with football and baseball teams, tennis and golf clubs, and other athletic organizations. Chapters of the following fraternities have been organized: Δ K E, 1848–1861; Φ Γ Δ, 1848–1850; Σ A E, 1857–1875; X Φ, 1860–1861; A T Ω, 1871–1874; T Γ Ψ, 1871–1875.

Of the 4,000 graduates the Hon. E. H. Ewing, 1827, of Murfreesboro, Tenn., is the oldest.

Faculty.

William H. Payne, Ph.D., LL.D., Chancellor, History.
Julian A. Sears, A.M., Mathematics.
Lizzie L. Blumstein, A.M., History.
John L. Lampson, A.M., Latin.
B. B. Penfield, A.M., Ph.D., Biology.
Julia A Doak, A.M., Phys. Geography.
A. L. Puronton, M.D., Ph.D., Chemistry
H. A. Vance, Ph.D., English.
E. C. Huntington, A.B., Greek.
Mary E. Cheney, Singing.
A. P. Bourland, A.M., English.
Wickliffe Rose, A.M., Philosophy.
Elizabeth R. Clark, A.B., Librarian.
C. E. Little, A.B., Mathematics.
Lura Tozer, A.B., Mod. Languages.
W. R. Garrett, A.M., Ph.D., American History.
P. H. Manning, A.M., Geology.
Venie J. Lee, A.B., Phys. Training.
Lula O. Andrews, L.I., Vocal Music.
Aristine G. Glover, A.B., Mollie Arthur, A.M., Minnie Holman, Ellen S. Ogden, A.B., Virginia Johns, A.B., Winthrop School.
May Payne, Librarian.
Lassie Jones, Art.
J. M. King, B.S., M.D., Chemistry.
Alice Oney, Art.
H. M. Andrews, A.B., English.
J. B. MacRae, Gymnastics.

MEDICAL COLLEGE.

T. L. Maddin, M.D., Medicine.
W. L. Nichol, M.D., Obstetrics.
J. H. Callender, M.D., Ph.D., Insanity.
J. M. Safford, Ph.D., M.D., Chem.
C. S. Briggs, A.M., M.D., Surgery.
W. G. Ewing, M.D., Ph.G., Materia Medica.
C. R. Atchinson, M.D., Dermatology.
S. S. Crocket, M.D., Anatomy.
A. Morrison, M.D., Physiology.

J. S. Cain, M.D., Practice.
M. C. McGannon, A.M., M.D., Diseases of Women.
L. B. Graddy, M.D., Eye Diseases.
J. M. Anderson, Med. Jurisprudence.
S. S. Briggs, M.D., Anatomy.
Larkin Smith, M.D., Histology.
J. C. Pryor, M.D., Anatomy.
J. R Shapard, M.D., Obstetrics.
G. B. Proctor, Jr., M.D , Anatomy.
C. L. Lewis, Jr., M.D., Brain Diseases.
A. B. Cook, M.D., Dermatology.
R. B. Neil, M.D., Anatomy.
P. H. Woodall, M.D., Practice.
S. M. Bloomstein, Ph.G., M.D., Pharmacy.
P. Clements, M.D., Anatomy.

COLLEGE OF MUSIC.

August Schemmel, Mus.D., President Organ.
X. Scharwenka, Director, Piano.
Mrs. M. A. Manning, Principal.
G. W. Gifford, Business Director.
Mrs. A. Schemmel, Piano.
Mrs. J. W. Blair, Theory of Music.
Addie Campbell, Piano and Organ.
Elsie Schemmel, Piano.
William Bellack, Theory.
Carrie Smith, Voice.
Mrs. P. R. Bailey, Violoncello.
Mrs. G. D. Clements, Stringed Instruments.
Mrs. A. S. Ransom, Elocution.

UNIVERSITY OF NEBRASKA.

Lincoln, Neb. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$165,000	1,506	115	10	32,000

History: The State Legislature in 1869 founded the university, and provided for its organization by the legislative acts of 1875 and 1877. Students were received in 1871. The regents originally numbered twelve. Dissensions between members of the faculty and Chancellor Fairfield concerning the voluntary or compulsory attendance at chapel, and other matters of discipline, were made the subject of legislative inquiry in 1880, leading to the dismissal of three professors, and the final dismissal of the chancellor in 1882. Since that time attendance at chapel has been voluntary. The twenty-fifth anniversary was celebrated in 1894. The chancellors have been: Allen R. Benton, LL.D., 1867–1876; Edmund B. Fairfield, LL.D., 1876–1882; Henry E. Hitchcock, Ph.D. (Acting), 1882–1884; Irving J. Manatt, LL D., 1884–1888; Charles E. Bessey, Ph.D. (Acting), 1888–1891; James H. Canfield, LL.D., 1891–1895; George E. MacLean, LL.D., Ph.D., 1895 to the present.

Organization: The regents now number six. The university comprises nine schools: the graduate, literary, industrial, law, agricultural, mechanical, sugar, professional, and summer school. The faculties of all these schools are represented in the university senate. The natural history survey of the State is under the charge of the university.

Admission is by examination and on the certificates of seventy-two high schools of the State. The degrees are A.B., B.S., B.LL., C.E., M.E., E.E., M.A., M.D., and Ph.D. The last two degrees can be attained *in absentia.*

Tuition is free, except in the professional and special courses, where from $10 to $50 is charged. Matriculation in any department costs

$5. The college year is from September 15 to June 10. A fellowship yielding $300 is offered, together with several scholarships for $150, which are awarded only for exceptional merit. Six prizes of from $5 to $20 are offered for oratory and composition, and a silver medal for the best essay on the American Revolution is annually awarded.

Equipment: The university has a campus in the centre of the city of nearly twelve acres, and owns farm lands covering 320 acres. Among the ten buildings the most prominent are the Chemical Laboratory; Grant Memorial Hall, containing an armory and gymnasium; Nebraska Hall, containing the museums of natural and physical science; and the Library Building completed in 1896.

Societies and Publications: The students publish the "Literary Magazine," "Botanical Seminar," "Hesperian" (a fortnightly), the "Nebraskan" (a weekly), and the students' "Handbook" and "Sombrero" (annuals). The societies are: Graduate Club, Classical, and Engineering societies, English, Law, Economy, and Zoölogical clubs, Palladium, Union, Edelian, Alumni Association, two Christian Associations, two debating clubs, four musical and art organizations, and an Athletic Association, with football, baseball, and other teams, all under the control of a committee consisting of students and professors. Chapters have been organized of: Φ Δ Θ, 1875; Σ X, 1883; K K Γ, 1884; B Θ Π, 1886, K A Θ, 1889; and Δ Γ, 1888.

Of the 560 graduates the oldest are James S. Dales, of Lincoln, Neb., and William H. Snell, of Tacoma, Wash., of the class of 1873.

Faculty.

George E. MacLean, A.M., B.D., Ph.D., LL.D., Chancellor.
Grove E. Barber, A.M., Latin.
Hudson H. Nicholson, A.M., Chem.
Lucius A. Sherman, A.B., Ph.D., English Literature.
Howard W. Caldwell, Ph.B., American History, etc.
Chas. E. Bessey, M.Sc., Ph.D., Bot.
Thomas M. Hodgman, A.M., Math.
August H. Edgren, Ph.D., Romance Languages, etc.
De Witt B. Brace, A.M., Ph.D., Physics.
Lawrence Bruner, Entomology, etc.
Harold N. Allen, B.Sc., Physics.
Laurence Fossler, B.Sc., A.M., Germanic Languages.
James T. Lees, A.M., Ph.D., Greek.
Harry K. Wolfe, A.M., Ph.D., Philosophy.
Erwin H. Barbour, A.B., Ph.D., Geology.
Fred M. Fling, A.M., Ph.D., European History.
T. Lyttleton Lyon, B.S.A., Agricult.
Robert B. Owens, E.E., Electrical and Steam Engineering.
Oscar V. P. Stout, B.C.E., Civ. Eng.
James W. Adams, B.L., English.
Clara Conklin, A.M., Romance Lang.
Charles R. Richards, B.M.E., M.E., Practical Mechanics.
Percy B. Burnet, A.M., Germanic Languages.
Fred W. Card, M.S. in Agr., Horticulture.
Ellery W. Davis, B.S., Mathematics.
Judge Manoah B. Reese, Dean of Law School, Real Property.
W. G. Langworthy Taylor, A.B., LL.B., Political Economy.
Henry B. Ward, A.M., Ph.D., Zoöl.
Alfred M. Wilson, A.M., B.D., Ph.D., Latin and Hebrew.
Robert A. Clark, A.B., M.D., Physiology and Hygiene, Gymnasium.
William F. Dann, A.B., Greek Lang.
Goodwin D. Swezey, A.M., Meteorology and Astronomy.
John F. Guilfoyle, Captain Ninth U.S. Cavalry, Military Science, Tactics.
Geo. W. A. Luckey, A.B., Pedagogy.
Henry H. Wilson, Ph.B., A.M., LL.M., Evidence.
Judge Samuel Maxwell, Code Pleading.
Joseph R. Webster, A.M., Equity Jurisprudence.
Charles A. Robbins, Ph.B., Ph.M., LL.B., Law.

W. H. Munger, Municip. Corporations.
John C. Watson, A.B., LL.B., Criminal Law.
Frank Irvine, B.S., LL.B., Law of Damages.
W. W. Giffen, LL.B., Wills.
Judge Jacob Fawcett, Insurance.
Williamson S. Summers, B.Sc., LL.B., Statutory Construction.
B. F. Good, LL.B., Limitation of Actions.
David F. Easterday, University Band.
Rosa Bouton, B.Sc., Chemistry.
Samuel Avery, B.Sc., A.M., Chem.
Mary A. Tremain, B.Sc., M.A., English History.
Josephine Tremain, A.M., Latin and Greek.
Albert Luther Candy, A.M., Math.
Wm. B. Hampsen, B.M.E., Graphics.
Cora Parker, Graphic Arts.
John White, A.B., Ph.D., Chemistry.
Clark F. Ansley, A.B., English.
Anne L. Barr, Physical Training.
George R. Chatburn, B.C.E., Mathematics and Engineering.
August Hagenow, Orchestra.
Amanda H. Heppner, A.B., German.
Will O. Jones, B.L., Journalism.
Willard Kimball, Music.
Mary D. Manning, Elocution.
Albert T. Peters, D.V.M., Animal Diseases.
Mrs. P. V. M. Raymond, Sight Read.
Robert H. Wolcott, B.L., B.S., M.D., A.M., Zoölogy.
Frederick J. MacLeod, B.A., A.M., English.
John M. Chowins, Physics.
Carrie A. Barbour, Assistant Curator.
Ellen H. Bentley, Philosophical Lab.
Robert S. Hiltner, B.Sc., Chemistry.
Juergen Albers, B.Sc., Mathematics.
John E. Almy, Physics, Laboratory.
Rufus C. Bentley, A.B., Philosophy.
Jesse Perry Rowe, Geol. Laboratory.
Clarence A. Skinner, B.Sc., Physics.
Bert Spencer, Physics Laboratory.
Jesse B. Becher, B.Sc., Chemistry.
Wm. E. Brook, B.C.E., Mathematics.
Eugene W. Brown, Chem. Laboratory.
Frederic E. Clements, B.Sc., Botanical Laboratory.
Fred C. Cooley, Chemical Laboratory.
Elbert N. Corbin, Elect. Laboratory.
Rachael Corr, Physics Laboratory.
Edward C. Elliott, B.Sc., Chemistry.
Martin E. Hiltner, Phys. Laboratory.
Edna L. Hyatt, Botanical Artist.
Mary F. Jackson, Physics, Laboratory.
Franklin L. Meyer, Elect. Laboratory.
Edith L. Patterson, Philosoph. Lab.
Frank S. Philbrick, Phys. Laboratory.
Louise Pound, B.L., A.M., English Literature.
Cornelius L. Shear, Bot. Laboratory.
Lon C. Walker, Ph.B., Mathematics.
William L. Westermann, A.B., Latin.
Nelly A. Zehrung, Entomolog. Artist.
Luther J. Abbott, Reader in European History.
Lena Anderson, Museum.
Harris M. Benedict, B.Sc., Zoöl. Lab.
James W. Crabtree, B.Sc., Math.
Fred S. Culver, Chemical Laboratory,
Benton Dales, Chemical Laboratory.
Thomas E. Doubt, B.Sc., Physics.
Clarence J. Elmore, A.B., Bot. Lab.
Rollins A. Emerson, Horticulturist.
Burt E. Forbes, A.B., Philosoph. Lab.
Anna Fossler, B.Sc., Zoöl. Laboratory.
Marietta Gray, B.Sc., Chemical Lab.
Michael F. Guyer, B.Sc., Zoöl. Lab.
Fred G. Hall, Museum.
Chas. N. Hinds, A.B., American Hist.
Alice C. Hunter, A.B., Latin.
Walter D. Hunter, A.B., Entomological Laboratory.
Derrick N. Lehmer, A.B., Math.
Katharine M. Melick, A.B., Reader in English.
Katharine V. Morrissey, A.B., Reader in English.
Laura B. Pfeiffer, Reader in English and European History.
Adeline M. Quaintance, Chem. Lab.
Karl C. Randall, Electric. Laboratory.
Walter H. Rhodes, Reader in European History.
Anne E. Seacrest, A.B., Philosophical Lab.
James W. Searson, Reader in European History.
H. G. Shedd, Reader in European Hist.
Chancy D. Warner, Electricity.
Julia M. Wort, English.
Cassius A. Fisher, Geol. Laboratory.
Harvey C. Heald, Agriculturist.
Mary L. Jones, B.L., Librarian.
Mary E. Robbins, Cataloguer.
Florence S. Smith, A.B., Phœbe M. Hopper, Nellie J. Compton, Anna Fossler, B.Sc., Mary A. Horne, Flora Bullock, Mary H. Ames, May Prentiss, Leo C. Smith, Assistants.

UNIVERSITY OF NEW MEXICO.

Albuquerque, N. M. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	93	12	1	500

The university was established in 1892, and incorporated in 1889, but the building was not completed until 1892, when instruction in the normal and preparatory departments was begun. A department of pharmacy was added in 1894. The government is vested in five regents. The university is supported by taxation representing three tenths of a mill of the annual revenues of the Territory.

Admission is on certificate. Two courses, the Latin-Scientific and English, are offered, but no degrees are conferred. Special attention is given to Spanish. Tuition is free, but matriculation at the beginning of each year costs three dollars. Other expenses aggregate $130 for the year.

Faculty.

Elias S. Stover, President.
Hiram Hadley, A.M., Vice-President, in charge, Mathematics.
M. R. Gaines, A.M., Latin, Greek.
Alcinda L. Morrow, A.M., Normal Department and Spanish.
Martha L. Taylor, A.M., English and History.
Josephine S. Parsons, Mathematics.
Wm. A. Zimmer, Ph.C., Nat. Hist.
J. P. Kaster, M.D., Anatomy.
G. S. Easterday, M.D., Therapeutics.
W. G. Hope, M.D., Materia Medica.
B. Ruppe, Pharmacy.
J. P. Dupuy, Vocal Music.
M. Custers, Librarian.

UNIVERSITY OF THE STATE OF NEW YORK.

Albany, N. Y. *Non-Sectarian.*

History: This university, which, like the University of France, is purely administrative in character, was founded in 1784, shortly after peace had been concluded with England. Its organization as a State institution by the Legislature of New York, in 1787, is supposed to have furnished Napoleon I. with a model for his organization of the *Université de France.*

The State Library, founded in 1818, and the State Museum, founded in 1843, came under the control of the university in 1889. In 1890 the university assumed control of all medical examinations and the conferring of medical degrees. Its most distinguished chancellor was George W. Curtis.

Organization: The university consists of all incorporated institutions of academic and higher education, — with the State Library, State Museum and such other libraries, museums, and scientific or educational institutions of the state as may be admitted by the regents of the university for the purpose of governmental supervision and encouragement. Thus the university comprises some 450 institutions, 110 academies, 275 high schools, and more than 100 degree-conferring and professional schools.

The government of the university is vested in a board of twenty-three regents, of which the Governor of the State, the Lieut.-Governor, the Secretary of State, and the State Superintendent of Education are *ex-officio* members. The regents are elected by the legislature in the same manner as the United States senators, and serve without salary.

The regents have power to incorporate or to alter or repeal the charters of colleges, academies, libraries, museums, or other educational institutions belonging to the university; to distribute to them all funds granted by the State for their use; to inspect their workings and require annual reports under oath of their presiding officers; to establish examinations as to attainments in learning and to confer suitable certificates, diplomas, and degrees, as well as honorary degrees.

The work of the university is divided into five departments: Executive, Examination, University Extension, State Library and State Museum. A fund of $106,000 is annually apportioned by the regents, whose various budgets aggregate $230,600.

The regular meetings of the regents are held the second Wednesday in December, the second Thursday in February, and Thursday of Convocation week. Special meetings are held as called by the chancellor or on request of five regents.

The annual University Convocation of the Regents and the officers of colleges and academies belonging to the university, is held on Wednesday, Thursday and Friday following July 4.

Regents.

Anson J. Upson, *Chancellor;* William Croswell Doane, *Vice-Chancellor*, Albany; Governor, *ex-officio;* Lieutenant-Governor, *ex-officio;* Secretary of State, *ex-officio;* Superintendent of Public Instruction, *ex-officio;* Francis Kernan, Utica; Martin I. Townsend, Troy; Anson J. Upson, Glens Falls; William L. Bostwick, Ithaca; Chauncey M. Depew, New York City; Charles E. Fitch, Rochester; Orris H. Warren, Syracuse; Whitelaw Reid, New York City; William H. Watson, Utica; Henry E. Turner, Lowville; St. Clair McKelway, Brooklyn; Hamilton Harris, Albany; Daniel Beach, Watkins; Carroll E. Smith, Syracuse; Pliny T. Sexton, Palmyra; T. Guilford Smith, Buffalo; Lewis A. Stimson, New York; Sylvester Malone, Brooklyn; Albert Vander Veer, Albany.

Officers: Melvil Dewey, *Secretary;* May Seymour, *Asst. Secretary.*

UNIVERSITY OF NORTH CAROLINA.

Chapel Hill, N. C. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$41,000	534	35	11	36,000

History: The charter for this school was granted in 1789. Gen. Benjamin Smith gave 20,000 acres of land, afterwards sold for $14,000. The cornerstone of the old East Building was laid in 1793. After the citizens of Chapel Hill had given 1,300 acres of land for a site, the

college was opened in 1795. The chief promoter of the new school was Governor Davie. No president was appointed until 1804. The presidents have been: Joseph Caldwell, D.D., 1804–1812; Robert H. Chapman, D.D., 1812–1816; Joseph Caldwell, D.D., 1816–1835; David Lowrey Swain, LL.D., 1835–1868; Solomon Pool, D.D., 1868–1875; Charles Phillips, D.D., LL.D., 1875–1876; Kemp Plummer Battle, LL.D., 1876–1891; George Tayloe Winston, LL.D., 1891 to the present time. Instruction was suspended from 1870–1875, owing to lack of funds. Three years after the re-opening a medical school was added to the university, a law school having been inaugurated in 1845. The centennial of the university was celebrated in 1895, and the date of the laying of the cornerstone, October 12, is celebrated each year as "University Day."

Organization: The university is governed by eighty-one trustees, and consists of the college, a law school, medical school and a summer school. Students are admitted without examination on the certificates of State schools. Negroes are excluded. Courses in arts, philosophy, and the sciences lead to degrees of A.B., B.S., and B.Ph. The degrees of A.M. and Ph.D. are conferred after graduate study of one and two years respectively. Professional degrees are given by the schools of medicine and law. Attendance at chapel and gymnastic drill is compulsory. Tuition for the year, from the first Thursday in September until the first Thursday in June, is $81.50. Other expenses aggregate $200. Thirteen scholarships, equivalent to tuition, and eight prizes together with the interest on $62,000 are annually distributed for excellence in study.

Equipment: The college campus covers forty-nine acres surrounded by a rock wall. Among the eleven college buildings the most notable are the old East and West Buildings, dating back to the last century, and the new East and West Buildings containing the museum and laboratories as well as the society rooms. A gymnasium was built in 1885, and an Infirmary in 1894. In Memorial Hall, which is used for commencements, the illustrious former alumni of the university are commemorated.

Societies and Publications: The students publish the "Tarheel," a weekly; an Athletic Journal; the "Hellenian," a fraternity annual; and a Y. M. C. A. handbook. Among the societies are the Dialectic and Philanthropic literary societies, which date from 1795 and own halls. Besides these the students maintain a Philological, Philosophical and Shakespeare club, Elisha Mitchell Scientific Society, North Carolina Historical and Scientific Societies, the Gimghouls, German and Dramatic and Century Clubs, St. George's Nursery, a Christian Association, Glee, Banjo and Mandolin Clubs, and an Athletic Association with foot-ball, baseball and track teams, besides tennis and golf clubs. Chapters have been organized of: Δ K E, 1851; B Θ Π, 1852; Mystical Seven, 1834 united 1889; Θ N E, 1848; Φ Γ Δ, 1851; Σ A E, 1852–1861; Δ Ψ, 1854–1862; Δ Φ, X Ψ, 1855–1861; Φ K Σ, 1856; Θ Δ X, 1857–1862; Z Ψ, 1858; X Φ, 1858–1868; K Σ, 1875–1876; A T Ω, 1879; K A, 1881–1888; Φ Δ Θ, 1885; Σ N, 1888 and Σ X, 1889.

The oldest living graduate is George F. Davidson, 1823, of Old Fort, N. C.

Faculty.

Geo. T. Winston, LL.D., President, Political Science.
Kemp P. Battle, LL.D., History.
Francis P. Venable, Ph.D., Chem.
Joseph A. Holmes, S.B., Geology.
Joshua W. Gore, C.E., Sec., Physics.
John Manning, LL.D., Law.
Thos. Hume, D.D., LL.D., English.
Walter D. Toy, M.A., Mod. Langs.
Eben Alexander, Ph.D., LL.D., Greek.
William Cain, C.E., Mathematics.
Richard H. Whitehead, M.D., Anat.
Henry H. Williams, A.M., B.D., Philosophy.
Henry van P. Wilson, Ph.D., Biology.
Karl P. Harrington, A.M., Latin.
Collier Cobb, A.M., Geol., Mineralogy.
Edw. A. Alderman, Ph.B., Pedagogy.
Francis K. Ball, Ph.D., Greek.
Charles Baskerville, Ph.D., Chem.
Herman H. Horne, A.M., Modern Languages.
George G. Stephens, Phys. Culture.
George P. Butler, B.E., Math.
Frederick L. Carr, Ph.B., Latin.
Philander P. Claxton, A.M., Educational Psychology, etc.
Marcus C. S. Noble, Methods in Arithmetic and Algebra.
Alexander Graham, A.M., English and Psychology.
Logan D. Howell, A.B., Latin.
Elisha B. Lewis, Geography.
Thomas J. Wilson, Jr., A.B., Greek.
Mathilde Coffin, Primary Work.
Minnie Redford, Primary Reading and Language Work.
Benjamin Wyche, Litt.B., Librarian.
Wm. C. Smith, Richard G. Allsbrook, Assistant Librarians.
Thomas Clarke, Chemistry.
George H. Kirby, Biology.
Wm. R. Kenan, Jr., S.B., Physics.
Robert E. Coker, Biology.

UNIVERSITY OF NORTH DAKOTA.

Grand Fork, N. D. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$37,000	170	14	3	5,500

History and Organization: The university was organized in 1883 under a special legislative act, and was opened in 1884 with thirty students. By the division of the Territory of Dakota, and the admission of North Dakota as a State, in 1890, the university became the State University of the new State. Subsequently a grant of forty thousand acres of public lands was appropriated to the school. The government is vested in a board of five State trustees. Besides the college of arts and sciences, a normal college, school of mines, military department, and professional schools are included in the university.

Admission, Instruction, and Degrees: Admission is by examination, and on certificates. Three courses: the classical, Latin-scientific, and the scientific, lead to degrees of B.A., and a post-graduate course leads to that of M.A. Special students are admitted free into all classes. Attendance at chapel is compulsory, though the charter of the university declares that no instruction either sectarian in religion or protestant in politics shall be allowed. Negroes are admitted.

Equipment: The university grounds are on the line of the Great Northern Railway, within a mile of Grand Forks. All the work of instruction is carried on in the main building, which contains an assembly hall, library, museum, three laboratories, a gymnasium,

armory, and a post-office. Dormitories have been erected for both men and women.

Societies and Publications: The students maintain two literary societies, the Adelphi, and Per Gratis, two religious associations, an Athletic Association, and publish the "Student." The graduates number sixty.

Faculty.

Webster Merrifield, M.A., President, Social Science.
Horace B. Woodworth, B.A., Mental and Moral Science.
John Macnie, M.A., French, German.
Ludovic Estes, A.M., Ph.D., Mathematics and Astronomy.
Adolph F. Bechdolt, M.A., Ph.D., English.
Joseph Kennedy, B.S., Pedagogy.
Geo. S. Thomas, M.A., Ph.D., Greek and Latin.
C. S. Farnsworth, U.S.A., Military Science.
George Taylor Rygh, B.A., Scandinavian Languages.
Earle J. Babcock, B.S., Chemistry.
M. A. Brannon, B.A., Biol., Museum.
Hannah E. Davis, English Literature.
George St. John Perrott, B.A., Latin and Greek.
Joseph H. Root, B.S., Mathematics.
Cora E. Smith-Eaton, B.S., M.D., Calisthenics.
A. L. Silvernail, Commercial Depart.
Hannah E. Davis, Preceptress.
H. B. Woodworth, Librarian.
G. A. Brennan, B. G. Skulason, assistants in Library.
Carl Engebretson, Biol. Laboratory.
W. C. Hawthorne, Chem. Laboratory.
E. B. Robbins, Physical Laboratory.

UNIVERSITY OF NOTRE DAME.

Notre Dame, Ind. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	635	63	11	70,000

History and Organization: The school was founded in 1842, and was chartered two years later. In 1879 the college buildings were destroyed by fire. The golden jubilee of the university was celebrated in 1895. The presidents have been: Bishop Edward Sorin, 1842–1865; Patrick Dillon, 1865–1866; William Cosby, 1866–1872; Augustus Lemonnier, 1872–1874; Patrick Colovin, 1874–1877; William Cosby (second term), 1877–1881; Thomas E. Walsh, 1881–1893; and Andrew Morrissey, the present incumbent.

Admission, Instruction, and Degrees: Admission is by examination only. Classical, scientific, and English courses lead to degrees of B.A., B.L., B.S., C.E., and in biology. The Institute of Technology embraces departments of engineering, practical mechanics, and machine drawings. Attendance at chapel, mass, confession, etc., is compulsory. Students are forbidden to leave the university grounds without permission, to use tobacco without the expressed sanction of their parents, or to indulge in "clandestine and improper correspondence." All students must rise at 6.30, and retire not later than 10 P.M. Attendance at military drill is voluntary.

Dues and Prizes: The expenses are $300 for the year, lasting from September 20 to June 13. Five special prize medals are annually distributed for excellence in English and Christian doctrine, with fifteen gold and silver medals for excellence in general study, other gold medals for honors, and thirty gold and silver medals for good deportment.

Equipment: The university is situated one mile and a half from South Bend, Ind., eighty miles east of Chicago. North and west of the university are St. Joseph's and St. Mary's lakes, the latter covering some twenty-three acres, while St. Joseph's River sweeps past the university grounds on the west. Among the new buildings rebuilt after the fire are a richly decorated church, containing chimes, and what is claimed to be the largest bell in the country. Sorin Hall, the main building, contains a chapel, recitation rooms, court room, law library, and society rooms. Carroll and Bronson Halls are dormitories; St. Edward's Hall is for academic pupils, and two halls are devoted to scientific instruction alone. In addition to these there is a students' play hall, a music hall, with billiard, athletic, and bicycle rooms, and an exhibition hall seating twelve hundred persons; an infirmary, astronomical observatory, and post-office. Near the university is St. Mary's Academy, a college for women under the same administration.

Societies and Publications: The students publish "The Scholastic" (a weekly), and maintain five religious societies, a Total Abstinence Union, the St. Aloysius Philodemic Society, the Thespian Association, Columbian Literary and Dramatic Association, St. Cecelia Philomathean Society, St. Stanislaus Philopatrian Society, Sorin Literary and Dramatic Association, the University Stock Company, choir, orchestra, Orpheus Club, glee and mandolin clubs, university quartettes, cornet band, Law Debating Society, with a moot court, court of chancery, probate court, justices' court, supreme court, with district and commissioners' courts. The athletic clubs are the Athletic Association, with two branches; the Lemonnier Boat Club, embracing seven six-oar crews; the university cycling clubs, tennis club, hand-ball association, Hoynes' Light Guards, and the Sorin Cadets. The graduates number 500, the oldest of whom is the Rev. E. B. Kilroy, 1852, of Stratford, Ont.

Faculty.

Rev. Andrew Morrissey, C.S.C., Evidences of Religion.
Rev. James J. French, C.S.C., Latin and English.
Rev. Daniel J. Spillard C.S.C., Ecclesiastical History.
Rev. John A. Zahm, C.S.C., Physical Sciences.
Rev. P. J. Franciscus, C.S.C., Latin.
Rev. Nicholas Stoffel, C.S.C., Greek.
Rev. Alexander M. Kirsch, C.S.C., Biology.
Rev. Stanislaus Fitte, C.S.C., Philosophy.
Rev. Peter Klein, C.S.C., French.
Rev. Joseph Kirsch, C.S.C., Natural Sciences.
Rev. J. A. Burns, C.S.C., Chem.
Rev. J. W. Cavanaugh, C.S.C., Rhet.
J. F. Edwards, A.M., LL.B., History.
William Haynes, AM., LL.B., Law.
Michael O'Dea, M.S., E.E., Applied Electricity.
J. G. Ewing, A.M., M.S., Polit. Econ.
M. J. McCue, M.S., CE., Astronomy.
M. F. Egan, A.M., LL.D., English Literature.
J. B. Berteling, M.D., Anatomy.
G. E. Clarke, A.M., LL.M., Elocution.
L. McGriskin, A.M., Greek, Math.

Rev. William Maloney, C.S.C., Commercial Law.
Rev. Bernard Ill, C.S.C., Book-keeping.
Rev. Joseph Just, C.S.C., Greek and French.
Rev. Michael Donahue, C.S.C., Latin.
Rev. Thomas H. Corbett, C.S.C., English.
Rev. Joseph Maguire, C.S.C., English.
Bro. Boniface, C.S.C., German.
Bro. Alexander, C.S.C., Mathematics.
Bro. Philip Neri, C.S.C., German.
Bro. Celestine, C.S.C., Telegraphy.
E. J. Maurus, Mathematics.
J. D. McGee, A.B., Latin and Greek.
C. C. Fitzgerald, C.E., English and Mathematics.
Frank Powers, B.S., Biology.
J. H. Kivlan, Machine Shop.
Brothers Emmanuel, Cajetan, Jerome, Alphonsus, Leander, Joseph, Albeus, Hugh, and Louis, Prep. Dept.
Bro. Basil, C.S.C., Musical Director.
Bro Leopold, C.S.C., Bro. Girard, C.S.C., Instrumental Music.
Damis Paul, Piano and Violin.
Newton A. Preston, Vocal Music, etc.
Francis Xavier Ackermann, Drawing.
Paul Beyer, Gymnastics.

LAW DEPARTMENT.

William Hoynes, LL.D., Dean, International Law, etc.
Hon. Lucius Hubbard, LL.D., Insurance and Code Pleadings.
Abraham L. Brick, LL.D., Criminal Law, etc.
Hon. Timothy E. Howard, LL.D., Appellate Jurisdiction.
Hon. Frank Scales, LL.D, Assessments and Taxation.
Hon. R. Prendergast, Assignments.
Hon. John Gibbons, LL.D., Constitutional Law.
Hon. Lucius G. Tong, A.M., LL.B., Banks and Banking.
William P. Breen, A.M., LL.B., Statutory Law.
John G. Ewing, A.M., M.S., Political Economy.
George E. Clarke, A.M., LL.M., Advocacy.
Rev. Alexander M. Kirsch, C.S.C., Toxicology and Medical Law.

UNIVERSITY OF OKLAHOMA.

Norman, Okla. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,300	148	7	1	1,800

Shortly after the opening of the Territory, the university was located at Norman on condition of a grant of $10,000 and forty acres of ground. Instruction was begun in 1892. The university is governed by six regents, and is supported by a territorial tax of a half mill on the annual *pro rata* revenues of the Territory. Tuition is free to all residents of the Territory. Admission is on high school certificates. Degrees of A.B., B.S., B.L., and B.Ph. are conferred. The societies are the Pierian, the Athena (for women), a Historical Society and an Oratorical Society, which annually awards a gold medal for debate. The Presbyterians and Methodists have erected halls for students of those denominations adjoining the campus.

Faculty.

David R. Boyd, A.M., President, Philosophy.
Edwin DeBarr, Ph.B., Chemistry.
James N. Anderson, Ph.D., Greek and Latin.
James S. Buchanan, B.S., History and Civics.
Frederick S. Elder, A.B., Math.
Mary J. Overstreet, English.
Maude DeCou, Librarian.

UNIVERSITY OF OMAHA.

Bellevue and Omaha, Neb. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$6,000	205	63	3	5,000

Bellevue College was opened in 1880 on grounds overlooking the Missouri River, eight miles from the city. In 1891 the name was changed to University of Omaha, when the law school, medical and dental college were consolidated with the older institution. The presidents of Bellevue College have been: W. W. Harsha, D.D., LL.D., 1883-1888; Francis Blainey, D.D., 1888-1890, and first Chancellor of the University of Omaha; and David R. Kerr, D.D., Ph.D., 1890 to the present.

The university as a whole is governed by forty trustees. Graduates of high schools and academies are admitted without examination. Instruction is given in the classics, sciences, literature and normal branches leading to degrees of A.B., B.S., B.L. and A.M. while professional degrees are conferred by the other departments of the university. Attendance at chapel is compulsory, but not so gymnastic exercise. The expenses for the year, from September 15 to June 8 are $175. The students publish the "Star," and maintain the Philomathean and Adelphia literary societies, two Christian Associations with a baseball team and tennis club.

Faculty.

Rev. David R. Kerr, Ph.D., D.D., President, Philosophy.
Mrs. Martha S. Kerr, Lady Principal, History.
Mary L. Lawrence, A.M., English and Modern Languages.
Charles A. Mitchell, A.M., Greek.
Frank N. Notestein, Ph.D., Math.
Lizzie Connor, A.B., Latin, Bookkeeping.
Rev. Ernest A. Bell, A.M., Philosophy.
Lee G. Kratz, Mus.B., Vocal Culture.
E. M. Jones, Piano and Harmony.
Miss M. L. Lawrence, Elocution.
Mary M. Kerr, Preceptress.
A. C. Ong, LL.B., Penmanship.

MEDICAL DEPARTMENT.

Harold Gifford, M.D., Ophthalmology.
J. C. Denice, A.M., M.D., Otology.
W. S. Gibbs, M.D., Medicine.
J. E. Summers, Jr., M.D., Surgery.
E. W. Chase, M.D., Obstetrics.
Ewing Brown, M.D., Anatomy.
W. S. Christie, M.D., Therapeutics.
C. C. Allison, Physiology.
F. M. Müller, A.A., M.D., Chemistry.
H. H. McClanahan, M.D., Children's Diseases.
Sherman VanNess, M.D., Gynecology.
O. S. Hoffman, M.D., Dermatology.
W. R. Lavender, M.D., Pathology and Histology.
W. O. Bridges, M.D., Medicine.
W. N. Dorward, D.D.S., Therapeut.
H. I. King, D.D.S., Oral Surgery.
A. Detweiler, M.D., Physiology.
J. J. McMullen, Orthodontia.
L. P. Davis, D.D.S., Dental Chem.
W. B. Ten Eyck, LL.D., Dental Jurisprudence.
Donald Macrae, M.D., Surgery.
R. C. Moore, M.D., Insanity.
W. F. Milroy, M.D., Clin. Medicine.
A. F. Jonas, M.D., Clinical Surgery.
F. S. Owen, M.D., Electro-Therapeut.
W. W. Keysor, Med. Jurisprudence.
H. B. Lowry, M.D., Nerv. Diseases.
E. E. Wormersley, Anatomy.

B. F. West, M.D., Histology.
J. C. Whinnery, D.D.S., Dean, Operative Technics.
W. H. Sherraden, D.D.S., Dent. Anat.
H. A. Woodbury, D.D.S., Operative Dentistry.
H. W. Allwine, D.D.S., Prosthetic Dentistry.
H. W. Shriver, D.D.S., Prosthetic Technics.
D. Macrae, Jr., M.D., Anatomy.
W. H. Christie, M.D., Materia Medica.

UNIVERSITY OF OREGON.

Eugene, Ore. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	500	54	2	6,000

The university was established in 1878. The school is governed by a board of regents. Admission is on certificates mainly. Courses in the classics, sciences and letters, music, and engineering and pedagogy as well as hygiene lead to degrees of A.B., B.S., B.L., B.Pe., C.E., and B.Mus. Attendance at chapel is voluntary. Tuition is free. Other expenses for the year ending June 18, aggregate less than $100. The students maintain two Christian Associations and an Athletic Association.

Faculty.

C. H. Chapman, President.
J. W. Johnson, Latin.
Thomas Condon, Geology.
Edgar McClure, Chemistry.
Charles Friedel, Physics.
John Straub, Greek.
B. J. Hawthorne, Mental Science.
E. B. McElroy, Ethics.
Luella C. Carson, Rhetoric.
F. G. Young, History.
F. L. Washburne, Biology.
John D. Letcher, Mathematics.
N. L. Narregan, Preparatory.
J. R. Wetherbee, Phys. Education.
E. H. McAlister, Mathematics.
Philura E. Murch, Modern Languages.

UNIVERSITY OF PENNSYLVANIA.

Philadelphia, Pa. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$300,000	2,752	240	22	125,000

Through the efforts of Benjamin Franklin a fund was raised in 1749 to change Penn's Charity School, begun in 1720, into an academy. It was opened in 1751, and four years later received a college charter. The first commencement was in 1757. The school languished for several years, so that Provost Smith had to be sent to England to raise funds. He there met the commissioner of King's College, now Columbia University, and they both agreed to share the proceeds of their joint efforts, some £6,000. After his return Provost Smith sided with the "war party," and was cast into prison

for publishing an alleged libellous pamphlet against the assembly. While in jail he continued to give lectures to his classes, but in 1759 was compelled to flee to England, where he was received with great honor, and made a doctor by Oxford University. He returned after a peaceful settlement of his differences with the assembly, with £20,000 funds for the college. In 1791 the college was amalgamated with the new school, which was the first to be called a university in this country. The Medical School, likewise the first in this country, dates from 1765. A German school was added in 1785, and a Law School in 1790.

In 1810 the university was reorganized, and the classes were reduced to three: freshmen, juniors, and seniors. The college thenceforth continued as an old-fashioned classical college till 1868, when the elective system was introduced. In 1872 the department of arts was reorganized, and the department of science, known as the Towne Scientific School, was established. In 1877 a department of music, and in 1878 that of dentistry were added. The provosts and presidents have been: Benjamin Franklin, 1749–1756; Richard Peters, D.D., 1756–1764; James Hamilton, 1764; John Penn, 1764–1771; James Hamilton, 1771–1773; Richard Penn, 1773–1774; John Penn, 1774–1779; Benjamin Franklin, LL.D., 1789–1790; William White, D.D., 1790–1791. University of the State of Pennsylvania: Joseph Reed, 1779–1781; William Moore, 1781–1782; John Dickinson, 1782–1785; Thomas McKean, LL.D., 1788–1791. University of Pennsylvania: Dr. John Ewing, 1791–1802; Dr. John McDowell, 1802–1810; Dr. Andrews, 1810–1813; Rev. Frederick Beaseley, 1813–1828; Dr. William H. DeLancey, 1828–1833; Dr. John Ludlow, 1833–1853; Henry Vethake, 1853–1860; Dr. Daniel R. Goodwin, 1860–1868; Dr. Charles J. Stillé, 1868–1880; Charles C. Harrison, A.M., the present incumbent.

Organization: The corporation consists of twenty-eight trustees, with the Governor of the State as *ex officio* president. The university comprehends the following departments: The college, in which are given the courses in arts, finance, and economy, biology, music, architecture, science, and technology, chemistry, mechanical, electrical, civil, and chemical engineering; the departments of philosophy, law, medicine, dentistry, and veterinary medicine; university hospital; auxiliary department of medicine; Wistar Institute; hygiene laboratory; veterinary hospital; library, museum of archæology and paleontology; observatory, and gymnasium.

Admission, Instruction, Degrees: Candidates for the freshman class are admitted by examination, or, under certain conditions, on high school diplomas. During the first two years at the college, four elective courses are open, among which are Greek, Latin, and the modern languages. In the two following years thirteen groups of elective studies are open. The degrees are A.B., B.S., B.S. in Biol., B.Mus., B.Archt., and B.Eng. Masters' degrees in arts and science, as well as those of C.E., M.E., and Min.E. are conferred after one year of graduate study, while those of Ph.D., Mus.Doct., and LL.D. are conferred after two years. Professional degrees are conferred by the Law School, Dental College, and School of Medicine and other professional departments.

Dues, Scholarships, and Prizes: Tuition is $160 for the year, lasti[illegible] g from September 27 to June 11. A graduation fee of $20 is charge[illegible] l, with special fees in the professional departments. The total e[illegible] x-penses, it is claimed, need not exceed $350. Two scholarships, esta[illegible] b-lished by Thomas Penn, are conferred by the Governor of the Sta[illegible] e. Besides these fifty-five Philadelphia scholarships, equivalent to t[illegible] ui-tion, and one in American history, are annually available. From [illegible] a fund of $50,000 further scholarships and thirty-seven prizes of fr[illegible] m $40 to $75 have been established. Six fellowships, equivalent to tuition and living expenses, and $25 extra, are offered in philosop[illegible] hy, besides two in hygiene and physics; fifteen scholarships and a $[illegible] 100 prize in veterinary medicine; and ten law scholarships with four [illegible] law prizes of from $40 to $75.

Equipment: The university buildings, twenty-two in number, [illegible] are situated on forty-eight acres of ground in West Philadelphia. The general library, containing 135,000 volumes and 50,000 pamphl[illegible] ets, contains sixteen private collections. The most notable of these are the Colwell collection, one of the most complete finance librarie[illegible] s in the world, and the Bechstein Library, containing 15,000 books on German philology and literature. The museum of archæology [illegible] and paleontology contains collections of American, Asiatic, and Egyp[illegible] tian antiquities of great value. Its Babylonian collection is decl[illegible] red to rank equal with those of the British Museum and the Lou[illegible] vre. The observatory consists of three buildings situated on the Flo[illegible] wer Farm, two miles from the university. Houston Hall, a clubho[illegible] use for students, was finished in 1896.

Societies and Publications: The students publish the "Pennsy[illegible] va-nian" (daily), the "Red and Blue" (monthly), the "Unive[illegible] sity Courier" (weekly), "Ben Franklin" (comic fortnightly), and the "Class Record" (an annual). Among the societies are the Philo[illegible] ma-thean (dating from 1813), Telosophic (dating from 1829), Field C[illegible] lub, Camera Club, Library Club, two Christian Associations, and [illegible] an Athletic Association, with football, baseball, and track teams, [illegible] var-sity and class crews, golf and tennis clubs, and other athletic organi-zations. Chapters have been organized of: Δ Φ, 1849; Z Ψ, Φ K Σ, 1850; Δ Ψ, 1854; Σ X, 1875–1878; Φ K Ψ, 1877; B Θ Π, 1880; A T Ω, 1881–1884; Φ Γ Δ, 1881–1887; X Φ, 1883–1885; Φ Δ Θ, 1883; Φ Δ Φ, T K, 1886; N Σ N, K K Γ, 1890; M Φ A; Σ N; Φ A Σ; Ψ T; Γ Δ; Δ T; Δ Φ; K Σ; A M Π Ω; Δ Σ Δ, and Φ B K.

The number of graduates is 15,500, of whom 10,000 are alive. The oldest is Robert B. Davidson, A.M., 1826, of Philadelphia.

Faculty.

Charles C. Harrison, A.M., Provost.
Rev. George S. Fullerton, Ph.D., Vice-Provost.
Francis A. Jackson, A.M., Latin.
E. Otis Kendall, LL.D., Math.
J. Peter Lesley, LL.D., Geol., Mining.
Richard A. F. Penrose, M.D., LL.D., Obstetrics.
Alfred Stillé, M.D., LL.D., Theory and Practice and Clinical Medicine.
Harrison Allen, M.D., Compar. Anat.
Horatio C. Wood, M.D., LL.D., Materia Medica.
Charles J. Stillé, LL.D., History and English Literature.
Hon. J. I. Clark Hare, LL.D., Institutes of Law.
Geo. F. Barker, Ph.B., M.D., Physics.
Wm. Pepper, M.D., LL.D., Theory and Practice

Wm. F. Norris, M.D., Ophthalmol.
Jas. Parsons, A.M., Commercial Law.
Jas. Tyson, M.D., Clinical Medicine.
Louis A. Duhring, M.D., Skin Dis.
Hugh A. Clarke, Mus. Doc., Science of Music.
Jos. T. Rothrock, B.S., M.D., Botany.
Theodore G. Wormley, M.D., LL.D., Chemistry and Toxicology.
John Ashhurst, Jr., M.D., Surgery.
Charles J. Essig, M.D., D.D.S., Mechanical Dentistry.
Edwin T. Darby, M.D., D.D.S., Operative Dentistry.
Morton W. Easton, Ph.D., Ethnology.
Jas. Truman, D.D.S., Dental Pathol.
John B. McMaster, A.M., Litt.D., American History.
Horace Jayne, M.D., Ph.D., Director Wistar Institute.
George T. Bispham, A.M., Equity Jurisprudence.
Rev. George S. Fullerton, Ph.D., Philosophy.
Edw. T. Reichert, M.D., Physiology.
J. Wm. White, M.D., Clin. Surgery.
Dan. G. Brinton, M.D., Sc.D., American Archæology and Linguistics.
Rev. Hermann V. Hilprecht, D.D., Ph.D., Assyrian and Semitic.
Morris Jastrow, Jr., Ph.D., Semitic, and Assist. Librarian.
William P. Wilson, Sc.D., Botany.
Gregory B. Keen, A.M., Librarian.
C. Stuart Patterson, A.M., Constitutional Law.
Henry W. Spangler, Dynamical Engineering, etc.
Barton C. Hirst, M.D., Obstetrics.
Wm. A. Lamberton, A.M., Litt.D., Greek.
Simon N. Patten, Ph.D., Polit. Econ.
Edgar F. Smith, Ph.D., Chemistry.
Felix E. Schelling, A.M., History and English Literature.
John Guitéras, M.D., Gen. Pathology.
DeForest Willard, M.D., Orthopedic Surgery.
George A. Piersol, M.D., Anatomy.
John H. Musser, M.D., Clin. Medicine.
Geo. S. Graham, LL.D., Criminal Law.
Arthur W. Goodspeed, Ph.D., Physics.
Edwin S. Crawley, Ph.D., Math.
John Marshall, M.D., Nat.Sc.D., Chem.
George E. Fisher, A.M., Ph.D., Math.
Simon J. J. Harger, V.M.D., Veterinary Anatomy.
Edward D. Cope, Ph.D., Zoölogy.
Geo. H. Horn, M.D., Entomology.
J. S. Billings, M.D., LL.D., Hygiene.
Randolph Faries, A.M., M.D., Physical Education.
Charles E. Dana, Art.
Edward P. Cheyney, A.M., History.
Roland P. Falkner, Ph.D., Statistics.
Francis N. Thorpe, Ph.D., American Constitutional History.
Warren P. Laird, Architecture.
B. A. Randall, M.D., Diseases of Ear.
Hon. Geo. M. Dallas, LL.D., Torts.
J. P. C. Griffith, M.D., Children's Diseases.
John B. Deaver, M.D., Applied Anat.
Edward Martin, M.D., Genito-Urinary Diseases.
Leonard Pearson, B.S., V.M.D., Veterinary Medicine.
Hugo A. Rennert, Ph.D., Romance Languages.
Edgar Marburg, C.E., Civ. Engin.
John M. Macfarlane, D.Sc., Botany.
Joseph F. Johnson, A.B., Journalism.
Charles K. Mills, M.D., Insanity.
Geo. W. Pepper, A.M., LL.B., Law.
Walter L. Webb, C.E., Civ. Engin.
Alfred Gudeman, LL.D., Classical Philology.
Charles B. Penrose, M.D., Ph.D., Gynecology.
John W. Adams, A.B., V.M.D., Veterinary Surgery.
Edgar V. Seeler, Design.
William S. Carter, M.D., Comparative Physiology.
Martin G. Brumbaugh, A.M., Ph.D., Pedagogy.
Maxwell Sommerville, Glyptology.
Amos P. Brown, Ph.D., Mineralogy and Geology.
Chas. C. Townsend, A.B., LL.B., Law.
Geo. S. Patterson, A.B., LL.B., Law.
H. E. Everett, Interior Architecture.
Lightner Witmer, Ph.D., Psychology.
Wm. R. Newbold, Ph.D., Philosophy.
John Q. Adams, Ph.D., Polit. Science.
Henry Gibbons, Ph.D., Latin.
H. L. Carson, A.M., LL.B., Law.
Chas. L. Doolittle, C.E., Mathematics, and Director of Observatory.
Marion D. Learned, Ph.D., German.
Edwin G. Conklin, Ph.D., Comparative Embryology.
Edw. C. Kirk, D.D.S., Clin. Dentistry.
Adolph W. Miller, M.D., Materia Med.

Albert L. A. Toboldt, M.D., Practical Pharmacy.
Henry R. Wharton, M.D., Surgery, etc.
Richard H. Harte, M.D., Osteology.
Robt. Huey, D.D.S., Oper. Dentistry.
Wm. Diehl, D.D.S., Oper. Dentistry.
Thomas R. Neilson, M.D., Surgery.
Edmund W. Holmes, M.D., Anatomy.
Judson Daland, M.D., Clin. Medicine.
Alexander Glass, V.S., Canine Med.
Gwilym G. Davis, M.D., M.R.C.S., Surgery.
John K. Mitchell, M.D., Symptomatology.
James E. Loder, D.D.S., Operative Dentistry.
George H. Chambers, M.D., Normal Histology.
Harry B. McFadden, D.D.S., Mechanical Dentistry.
James K. Young, M.D., Orthopedic Surgery.
Ambler Tees, D.D.S., Mechanical Dentistry.
Joseph W. White, D.D.S., Operative Dentistry.
Henry W. Cattell, M.D., Morbid Anat.
Milton J. Greenman, Ph.B., M.D., Assist. Director Wistar Institute.
C. S. Potts, M.D., Electro-Therapeut.
J. M. Brown, M.D., Otology.
A. S. Bolles, Ph.D., Banking Law and Practice.
Frank M. Day, B.S., Architecture.
John Stewardson, Architecture.
E. S. Muir, Ph.G., V.M.D., Veterinary Materia Medica.
John J. Morris, Mechan. Engineering.
J. G. Lane, D.D.S., Crown and Bridge Work.
A. C. Abbott, M.D., Hygiene.
W. I. Pennock, M.D., Anatomy.
H. B. Allyn, M.D., Phys. Diagnosis.
Julian Millard, Architecture.
Julius Ohly, Ph.D., Chemistry.
D. L. Wallace, Chemistry.
William Schleif, Ph.G., Pharmacy.
B. F. Senseman, V.M.D., Vet. Anat.
M. H. Fussell, M.D., Clin. Medicine.
S. W. Morton, M.D., Clin. Medicine.
A. C. Wood, M.D., Clinical Surgery.
E. R. Kirby, M.D., Clinical Surgery.
R. H. D. Swing, D.D.S., Oper. Dent.
F. W. Amend, Jr., D.D.S., Mechanical Dentistry.
Arthur A. Stevens, M.D., Medical Terminology.
Robert Formad, M.D., V.M.D., Veterinary Sanitary Science.
J. E. Dunwoody, D.D.S., Oper. Dent.
Milton N. Keim, Jr., D.D.S., Mechanical Dentistry.
B. F. Stahl, M.D., Phys. Diagnosis.
Charles M. Burk, M.D., Zoölogy.
John C. Heisler, M.D., Anatomy.
Frederick A. Packard, M.D., Physical Diagnosis.
Daniel B. Shumway, B.S., Ph.D., Germanic Languages.
Frederic A. Peeso, D.D.S., Crown and Bridge Work.
John D. Thomas, D.D.S., Nitrous Oxide.
Richard C. Norris, M.D., Obstetrics.
Milton B. Hartzell, M.D., Dermatol.
W. C. Goodell, M.D., Clin. Gynecol.
J. P. Moore, Zoölogy.
John Harshberger, Ph.D., Botany.
C. L. Leonard, M.D., Clin. Surgery.
Jos. McFarland, M.D., Pathological Histology.
G. C. Stout, M.D., Normal Histology.
A. J. Boyden, S.B., Building Construction.
Homer Smith, Ph.D., English.
J. H. Penniman, Ph.D., English.
A. W. Schramm, B.S., M.E., Electrical Engineering.
L. E. Picolet, Mechanical Engineering.
R. S. J. Mitcheson, M.D., Anatomy.
D. B. Birney, M.D., Surgery.
J. P. Tunis, M.D., Surgery, Anatomy.
Edward Wesselhoeft, German.
P. P. Calvert, Ph.D., Zoölogy.
A. T. Clay, Ph.D., Assyrian.
Henry Plasschaert, Modelling.
L. E. Rauch, D.D.S., Oper. Dentistry.
J. T. Lippincott, D.D.S., Oper. Dent.
Walter Cope, Architecture.
Alfred Stengel, M.D., Clin. Medicine.
T. M. Tyson, M.D., Clin. Medicine.
J. A. Scott, M.D., Phys. Diagnosis.
C. W. Dulles, M.D., Hist. of Medicine.
D. C. Munro, A.M., Roman and Mediæval History.
I. J. Schwatt, Ph.D., Mathematics.
Theodore Lorenz, French.
G. W. Dawson, Drawing.
Hermann Fleck, Ph.D., Chemistry.
O. L. Shinn, B.S., Chemistry.
J. B. Moyer, B.S., Chemistry.
C. W. Scribner, A.B., M.E., Mechanical Engineering.
H. W. McConnell, Mech. Engineering.

H. C. Richards, Ph.D., Physics.
W. D. Lewis, Ph.D., Institutional Law.
E. R. Johnson, Ph.D., Transportation.
A. H. Wintersteen, A.M., Business Law and Practice.
Franz Enge, Forging, Horseshoeing.
D. W. Fetterolf, M.D., Chemistry.
S. M. Hamill, M.D., Phys. Diagnosis.
Henry Toulmin, M.D., Phys. Diagnos.
T. H. Dougherty, Zoölogy.
R. J. Seymour, D.D.S., Mech. Dent.
N. S. Essig, D.D.S., Mech. Dentistry.
M. L. Rhein, M.D., D.D.S., Dental Pathology.
David Riesman, M.D., Pathological Histology.
F. A. Hays, Pen and Ink Rendering.
L. S. Rowe, Ph.D., Municipal Government.
H. R. Seager, Ph.D., Pol. Economy.
S. McC. Lindsay, Ph.D., Soc. Science.
Edw. H. Waldo, Mech. Engineering.
William Easby, Jr., B.S., C.E., Civil Engineering.
G. H. Hallett, A.M., Mathematics.
F. P. Witmer, A.B., B.S., C.E., Civil Engineering.
A. H. Quinn. B.S., English.
H. C. Porter, Ph.D., Botany.
R. H. Bradbury, Ph.D., Phys., Chem.
H. D. Beyea, M.D., Clin. Gynecology.
W. A. N. Dorland, M.D., Obstetrics.
W. S. Wadsworth, Physiology.
M. E. Conard, V.M.D., Veterinary Obstetrics.
C. P. Grayson, M.D., Laryngology.
C. E. Fouse, V.M.D., Vet. Anatomy.
C. W. Lincoln, M.D., Pathological Histology.
J. H. Girvin, M.D., Obstetrics.
W. F. Sprenkel, M.D., Obstetrics.
Arthur Salinger, V.M.D., Vet. Surgery.
M. P. Ravenel, M.D., Bacteriology.
A. F. Witmer, M.D., Physiology.
C. F. Nassau, M.D., Bacteriology.
D. H. Bergey, M.D., Chemistry.
G. G. Millikin, D.D.S., Oper. Dent.
J. M. Hill, D.D.S., Crown and Bridge Work.
W. N. Bates, Ph.D., Greek.
Merrick Whitcomb, A.B., European History.
H. B. Evans, M.E., Astronomy.
A. M. Greene, Jr., B.S., M.E., Mechanical Engineering.
T. H. P. Sailer, Ph.D., Hebrew.
A. C. Fleckenstein, B.S., Mechanical Engineering.
R. R. Tatnall, Ph.D., Physics.
L. F. Pilcher, Ph.B. in Arch., Architecture.
F. M. Mann, M.S., Design.
G. C. McKee, Physics.
L. S. Smith, M.D., Clin. Gynecology.
J. M. Swan, M.D., Anatomy.
C. H. Frazier, M.D., Clin. Surgery.
W. R. Hoch, M.D., Laryngology.
J. P. Hutchinson, M.D., Surgery.
C. J. Marshall, V.M.D., Vet. Medicine.
J. D. Steele, M.D., Morbid Anatomy.

UNIVERSITY OF ROCHESTER.

Rochester, N. Y. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$44,457	230	17	3	30,000

History and Organization: A charter similar to that of Columbia College was granted in 1851. Plans for establishing this university had been under consideration since 1847. After contributions had been pledged by the various religious denominations of Rochester, the university was organized and instruction begun in 1850 with a board of twenty-seven trustees, of whom twenty are Baptists and seven alumni. The presidents have been: Hon. Ira Harris, LL.D., 1850–1853; Martin Brewer Anderson, LL.D., L.H.D., 1853–1888; and David J. Hill, LL.D., 1888 to the present.

Instruction, Scholarships, Degrees: Admission is by certificate for definitely stated subjects. The studies for the first two years are

strictly prescribed. After that elective studies can be pursued under definite restrictions. The degrees are A.B., B.S., and B.Ph., with that of A.M. after a prescribed course of study. A university extension course has recently been established. Attendance at chapel is compulsory. Tuition is $75 for the year, lasting from September, 16 to June 18. Forty scholarships, equivalent to tuition, are annually available. Two graduate scholarships on the interest of $5,000 each are offered in political history and economy. A scholastic prize of $60, thirty-nine prizes of $75, and fifteen undergraduate prizes of from $30 to $90 are further offered. The college grounds cover twenty-four acres.

Societies and Publications: The students publish "Interpres" and maintain several literary, social, religious, and athletic societies, with chapters of the following fraternities: Φ B K, A Δ Φ, Δ Ψ, 1851; Δ Υ, 1852; Δ K E, 1856; Ψ Υ, 1858; Z Δ X, 1866–1879; and X Ψ, 1884–1889.

Of 1160 graduates, 1,000 are living. The oldest is the Rev. Robert Telford, 1851, of Philadelphia.

Faculty.

Samuel A. Lattimore, Ph.D., LL.D., Acting Chairman, Chemistry.
Albert H. Mixer, A.M., Mod. Languages.
Joseph H. Gilmore, Ph.D., English.
Otis H. Robinson, Ph.D., Natural Philosophy.
William C. Morey, Ph.D., History.
Henry F. Burton, A.M., Latin.
George M. Forbes, A.M., Philosophy and Pedagogy.
Herman L. Fairchild, B.S., Sec., Geol.
Arthur L. Baker, C.E., Ph.D., Librarian, Mathematics.
Charles W. Dodge, M.S., Biology.
Kendrick P. Shedd, A.B., Modern Languages.
Henry E. Lawrence, A.M., Physics.
Adelbert Hamilton, A.M., Classics.
Roland P. Gray, A.B., English.
Herman K. Phinney, A.M., Assistant Librarian.

UNIVERSITY OF SOUTH DAKOTA.

Vermillion, S. D. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$27,305	300	14	3	3,000

The university was chartered in 1882, and is now sustained by legislative appropriation, until the income from the sale of 86,000 acres of land becomes available. The government of the school is vested in nine regents and five trustees. The university comprises colleges of sciences, literature, arts, music and business, and preparatory courses. Admission is by examination and on certificate. The degrees are A.B., B.S., and B.L. Attendance at chapel is voluntary. The expenses for the year are $160. Tuition is free for residents of the state. Non-residents pay $10 a year.

The student associations publish the "Volant" a fortnightly. Among the associations are several literary, social, Christian, athletic and other organizations.

Faculty.

Joseph W. Mauck, LL.D., President, Philosophy.
Lewis E. Akeley, M.A., Physics and Chemistry.
James E. Todd, M.A., Geology and Mineralogy.
John S. Frazee, M.A., Mathematics and Astronomy.
Christian P. Lommen, B.S., Biology.
F. I. Merchant, M.A., Ph.D., Latin.
O. E. Hagen, M.A., M.L., Ph.D., Modern Languages.
Kernan Robson, M.A., English.
George M. Smith, M.A., Greek and Pedagogy.
Clark M. Young, Ph.D., History and Political Science.
Susan Whitcomb Hassell, M.A., Lady Principal.
Lieut. William C. Neary, U. S. A., Tactics.
Thomas J. Sloan, Business Branches.
Mrs. L. W. Bell, Matron.
Isaac W. Price, Assistant Librarian.

UNIVERSITY OF SOUTHERN CALIFORNIA.

Los Angeles, Cal. *Co-Educational.* *Methodist.*

Income.	Students.	Instructors.	Buildings.	Books.
$25,000	400	54	——	4,000

This university, whose aim is declared to be "aggressively Christian," was founded in 1880. It is governed by twenty-one trustees, and comprises colleges of Liberal Arts, Medicine and Music, with schools of Commerce, Oratory and Arts, besides a Preparatory School and University Academy. A Normal Department with schools of Law and Dentistry are about to be added.

Admission is by examination or on the certificates of twelve high schools. Elective courses are offered besides the curriculum to enable students to prepare for technical and professional studies while taking the college course. The degrees are A.B., B.L., B.Ph., B.S., B.D., and M.D. The expenses for the year lasting from September 17 to June 18, are $160. Eight scholarships of $150 are offered in history, the classics, modern languages, sciences and civics.

Societies: The students maintain three literary societies: the Aristotelian for men, and Athena for women, and the Philophronian, besides two Christian Associations, and an Athletic Association with a baseball team and tennis club.

Faculty.

Rev. George W. White, A.M., President.
Milton E. Phillips, Ph.M., D.D., Dean, Mathematics.
Tamar Gray, A.M., Greek.
Rev. George Cochran, D.D., Philosophy and Hebrew.
Rev. A. Hardie, A.M., Hist., Ethics.
Orville P. Phillips, Ph.M., Natural Science.
Laird J. Stabler, M.S., Ph.C., Registrar, Physical Science.
A. W. Bannister, A.M., Latin, Math.
Fortune De Conte, A.M., Art.
Joseph H. Cole, A.B., Latin.
Mary E. Plimpton, A.M., English.
Rose Wiesecke, German and French.
Lowell L. Rogers, A.M., Math.
Minerva Cook, A.M., Spanish.
Martha G. Parsons, Librarian.

J. P. Widney, A.M., M.D., LL.D., Dean of Med. College, Emeritus.
H. H. Maynard, M.D., Emeritus.
J. H. Utley, M.D., Medicine.
Horace B. Wing, M.D., Clinical Med.
G. W. Lasher, M.D., Surgery.
Joseph Kurtz, M.D., Clinical Surgery.
William L. Wills, M.D., Anatomy.
W. L. Wade, M.D., Therapeutics.
M. L. Moore, M.D., Obstetrics.
Walter Lindley, M.D., Gynecology.
Carl Kurtz, M.D., Gynecology.
H. Burt Ellis, B.A., M.D., Physiol.
T. J. McCarty, M.D., Chemistry.
D. G. MacGowan, M.D., Genital and Skin Diseases, etc.
H. G. Brainard, A.B., M.D., Insanity, etc.
E. A. Follansbee, M.D., Children's Diseases.
H. S. Orme, A.B., M.D., Hygiene.
D. C. Barber, A.M., M.D., Histol.
A. F. Darling, M.D., Ophthalmology.
N. P. Conrey, A.M., Medical.
Wm. D. Babcock, A.M., M.D., Diseases of Throat and Nose.
F. D. Bullard, A.M., M.D., Latin.
Claire W. Murphy, M.D., Anatomy.
Geo. L. Cole, M.D., Phys. Diagnosis.
Rev. R. S. Maclay, D.D., Dean of Theological College, Emeritus.
Tamar Gray, A.M., Greek.
Rev. George Cochran, D.D., Hebrew and Exegesis.
Rev. A. Hardie, A.M., Hist., Ethics.
F. A. Bacon, Dean of Mus. College.
W. F. Skeele, A.M., Piano, Organ.
Edwin H. Clark, Violin.
C. A. DeLano, Mandolin.
Mrs. G. B. Phillips, Theory of Music.
W. H. Mead, Flute.
Prof. M. Stockton, Clarionet.
William T. Randall, M.A., Math.
Margaret G. Borthwick, French.
Jefferson Taylor, M.A., English.
Frederick G. Axtell, M.A., Latin and Greek.
William L. Piutti, Piano.
Charles O. Nichols, Vocal Music.
George W. Gooch, M.A., Chemistry.
Frank J. Meer, Commerce.
Rev. Ezra A. Healy, B.A., Bible.
Grace C. Morran, Mathematics.
Leslie C. Marsh, Piano.
Mary J. Lamb, English.
Marian G. Hards, Drawing, Elocution.
Charles J. Sholander, Physiology.
Eliza J. Perley, Normal Department.
Fortune De Conte, A.M., Painting and Drawing.
Grace Casement, B.L., Wood Carv.
Jesse G. Cross, A.M., Commercial Branches.
Maude Willis, Elocution.

UNIVERSITY OF TENNESSEE.

Knoxville, Tenn. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$67,500	505	49	6	10,000

History: The parent school of this university was Blount College, which was founded in 1794 by the General Assembly of the territory south of the River Ohio, receiving its name from William Blount, the first governor of the territory. In 1807 the school became the East Tennessee College, after a transfer to Poplar Hills, and in 1840 the Tennessee University. The present name was assumed in 1879. The hill on which the present university stands was purchased for $600 in 1826. The old chapel, or Centre College, was then erected together with three one-story dormitories. The college has been co-educational from the very beginning, when Barbara Blount, one of the first women students, caused college hill, the present site of the university, to be named after her. Corporal punishment was in

vogue as late as 1840. During the *ante bellum* period the college was involved in a long controversy with the University of North Carolina, concerning certain lands located in Tennessee, twenty thousand acres of which were finally assigned to East Tennessee College. Owing to the difficulties arising from this controversy two of the presidents, Dr. Coffin and Mr. Piper, had to resign. In the spring of 1861, when war was declared, the students and teachers of the university enlisted in such numbers that instruction had to be suspended. Confederate troops occupied the college from January, 1862, to September, 1863, when Knoxville was taken by the Union troops, who in their turn occupied the college buildings. The two armies left little of the college property except bare walls and fortifications. When instruction was resumed only twenty students attended. In 1869, the Federal land grant of 1862 became available, and the proceeds of the three hundred thousand acres that had been assigned to Tennessee, were appropriated to the State University. Free scholarships were at the same time established. In 1877 the entire faculty was re-organized, and in 1879, the university was inaugurated as a State University, with a medical and dental school at Nashville. In 1888 the university was again completely re-organized, and a law department was established. The centennial of the school was celebrated in 1894. The presidents have been: Rev. Samuel Carrick, A.M., 1794-1809; Rev. David Sherman, A.M., 1820-1825; Rev. Charles Coffin, D.D., 1827-1832; Rev. James H. Piper, A.M., 1833-1834; Joseph Estabrook, A.M., 1834-1850; Hon. W. B. Reese, LL.D., 1850-1853; Rev. George Cook, A.M., 1853-1857; Rev. William D. Carnes, A.M., 1858-1860; Rev. J. J. Ridley, D.D., 1860-1862; Rev. Thomas W. Humes, A.M., S.T.D., 1865-1883; Charles W. Dabney, Ph.D., 1887 to the present.

Organization: The board of trustees of the university holds a charter from the State dating from 1807. It is limited to thirty members, chosen from the different congressional districts of the state, who serve for life or until removal from the state, or resignation. The governor, the secretary of state, and the superintendent of public instruction are members *ex-officio*. Seven members form a quorum. The president of the university is also president of the board of trustees; the other officers are a treasurer and a secretary. A separate faculty has charge of the instruction in each department. The faculties consist of a dean and professors, aided by lecturers, instructors, fellows, and assistants. The departments are the Academic Department; the College of Agriculture, Mechanic Arts, and Sciences; Teachers' School; University Department; Law School; Medical School, and School of Dentistry.

Admission, Instruction, and Degrees: Admission is by examination, and on certificate. Examinations can be taken in almost any part of the state. Six college courses, one of which must be taken by every student, lead to degrees of B.A., and B.S., or B.S. in Agr., Mech. Eng., etc. These courses are the literary, scientific, agricultural, civil engineering, mechanical engineering, and the mining course. Degrees of A.M., S.M.S., Ph.D., C.E., Min.E., and M.E., are conferred after graduate studies. Degrees of B.L., M.D., and D.D.S., are attained after courses in law, medicine, or dentistry. Attendance

at chapel is compulsory. Military drill is required of freshmen and sophomores, but is optional to juniors, seniors, and graduates. All those who do not take military instruction are required to attend gymnastic exercise. Negroes are excluded, instruction for them being provided at Knoxville College.

Dues, Scholarships, and Prizes: Tuition since 1869 has been free. Other expenses, including an incidental fee of $10, aggregate $100. Four fellowships, yielding $200 each, are available for graduates. One free scholarship is given to each of the university accredited high schools, making 275 in all. Twelve agricultural and mechanical apprenticeships, yielding from $50 to $100, are annually awarded to under-graduates. At the close of each year three free scholarships are awarded to the best regular students of the freshman, sophomore, and junior classes. A gold medal is annually awarded for excellence in mathematics.

Equipment: The college grounds cover thirty-six acres, not including the college farm. Among the fourteen college buildings are: Old College, erected in 1826; East College, West College, North College, and Janney Building (now Woman's Building), in 1840; South College, in 1872; Steward's Hall, in 1873; Agricultural Building, in 1880; and the more recent Science Building, Mechanical Hall, Experiment Station, Y. M. C. A. Hall, and the farm home. The university's resources are: State certificates (balance of old East Tennessee University fund), $9,000 at five per cent; Congressional Land Grant fund, 1862, $396,000 at six per cent; United States Experiment Station fund, $15,000 per annum; Morrill Act fund, 1890, for present session, $21,000; college fees, about $5,000 to $6,000 per annum; college farm, valued at $175,000; university grounds, about thirty-six acres, estimated value, $245,000; fifteen buildings, estimated value, $152,000; Library fund (given by city of Knoxville), $20,000 at six per cent.

Societies and Publications: The students publish the "University Magazine" (a monthly), the "Scientific Magazine," published annually by the Engineering Society, and the Y. M. C. A. "Handbook" (an annual). The chief student organizations are the Philomathesian and Chi-Delta (for men), Barbara Blount (for women); Engineering Society, Glee Club, Orchestra, Athletic Association, with subordinate clubs for tennis, baseball, football, etc., besides class, social, religious, and other organizations. Chapters of the following fraternities have been organized: Π Κ Α, 1874–1875; Α Τ Ω, 1872–1873; Σ Α Ε, Κ Σ, 1879; Κ Α, 1884–1888; Rainbow, 1885–1886; Φ Γ Δ, 1890; and Alpha Beta Democrata.

The graduates number more than 500, the oldest of whom is William Park, 1825, of Columbia, Tenn.

Faculty.

Chas. W. Dabney, Jr., Ph.D., Pres.
William W. Carson, C.E., M.E., Civil Engineering.
Thomas W. Jordan, A.M., Latin.
Charles E. Wait, C.E., M.E., Chemistry and Metallurgy.
Charles F. Vanderford, Agriculture.
George F. Mellen, A.M., Ph.D., Registrar, Greek and French.
John B. Henneman, M.A., English and German.
Thomas C. Karns, A.M., Philosophy and Pedagogics.
Cooper D. Schmitt, M.A., Math.

Charles A. Perkins, Ph.D., Physics and Electricity.
George Le Roy Brown, Captain, U. S. A., Military Tactics.
Charles W. Turner, A.M., Hist., Law.
Jay Robert McColl, B.S., Supt. of Shops.
Ralph L. Watts, B. Agr., Horticul.
Charles Ferris, B.S., Drawing.
S. M. Bain, A.B., Botany.
Howell T. Livingston, B.A., Latin and Greek.
Joseph M. Black, B.A., B.L., English.
Charles E. Chambliss, M.S., Zoölogy, Entomology.
Claude Lowry, B.A., Mathematics.
Edw. Wiley, B.S., Librarian, English.
Charles H. White, B.Sc., Librarian, Geology.
James O. Labach, B.S., Chemistry.
Charles P. Garratt, Organist and Band Master.
Thomas D. Morris, Clerk.
John B. Guinn, Foreman Mach. Shop.
Albert B. Wegener, Physical Culture.
Henry H. Ingersoll, LL.D., Dean, Law.
J. B. McBryde, C.E., Chemistry.
Charles A. Mooers, B.S., Chemistry.
John L. Spinks, Manager, Agr. Sta.
Wm. P. Jones, M.D., President Medical School, Pathology.
Paul F. Eve, M.D., Dean, Surgery.
Robert B. Lees, M.D., D.D.S., Dean of Dental Faculty.
Joseph P. Gray, M.D., D.D.S., Prosthetic Dentistry.
J. Berrien Lindsley, A.M., M.D., Special Chemistry.
J. Bunyan Stephens, M.D., Midwifery.
Wm. D. Haggard, M.D., Gynecology and Children's Diseases.
Wm. E. McCampbell, A.M., M.D., Anatomy.
T. Hilliard Wood, M.D., Eye, Ear, Nose, and Throat.
Hazle Padgett, M.D., Physiology and Histology.
A. P. Waterfield, M.D., Medicine.
W. C. Bilbro, M.D., Materia Medica and Therapeutics.
James S. Ward, A.B., M.D., Medical Chemistry.
James Y. Crawford, M.D., D.D.S., Dentistry.
John Bell Keeble, LL.B., Medical Jurisprudence.
Haley P. Cartwright, M.D., Physical Diagnosis.
L. G. Noel, M.D., D.D.S., Oral Hygiene and Dentistry.
Thomas R. Newman, M.D., Dermatology and Histology.
W. G. Spencer, M.D. (U.S.A.), Gunshot Wounds.
George W. Seay, M.D., Urinary and Venereal Diseases.
W. D. Sumpter, M.D., Microscopy and Bacteriology.
J. Criddle Wharton, Ph.D., Chemistry and Pharmacy.
W. R. Sifford, M.D., Surgery.
W. L. Brown, M.D., D.D.S., Gums.
W. K. Slater, D.D.S., Dentistry.
W. S. Noble, M.D., Opthalmoscopy.
James G. Poe, M.D., Anatomy.
E. F. Pennington, M.D., D.D.S., W. H. P. Jones, D.D.S., H.B. Harrell, D.D.S., G. G. Crow, D.D.S., R. A. B. Moyers, D.D.S., R. M. Bogle, D.D.S., R. D. Houston, D.D.S., W. H. Wilcox, D.D.S., and W. F. Fowler, M.D., D.D.S., Clinical Instructors.

UNIVERSITY OF TEXAS.

Austin and Galveston, Tex. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$70,000	730	46	3	13,000

History and Organization: The Congress of Texas in 1839 provided for a capitol at Austin, and gave to the proposed university forty acres, since known as College Hill, and fifty square leagues of land were set apart for the university, the proceeds of which have since

been applied to the school. The university was chartered in 1858, and was formally organized in 1876. Buildings were not put up until 1881 when regents were elected and a faculty was selected. Instruction was begun in 1883. The chairmen of the faculty have been: J. W. Mallet, M.A., M.D., LL.D., Ph.D., F.R.S., 1883–1884; Leslie Waggener, M.A., LL.D., 1884–1894; T. S. Miller, A.B., LL.B., 1894–1895, President *ad interim:* Leslie Waggener, from 1895 to the present time. The university is governed by eight regents, and comprises departments of literature, science and the arts, of engineering and of law, and a medical school at Galveston.

Instruction, Scholarships, Degrees: Admission is by examination or on the certificates of sixty-two high schools of the state or of normal and agricultural colleges. The studies of the first year are prescribed. During the three succeeding years there is a steady increase of elective studies. Negroes are not admitted. Attendance at chapel is optional and there is no gymnastic or military drill. The degrees are A.B., B.S., and B.L. with professional degrees in medicine and law. The master's degree is conferred after at least one academic year of graduate study. The only charge in the academic department is an annual fee of $10. Other expenses are $125 for the year, lasting from the fourth Wednesday in September to the third Wednesday in June. Three fellowships of $300 a year are offered in physics, biology and geology, the recipient to assist in instruction during his graduate studies.

The college grounds cover forty acres. The three university buildings consist of a main hall, chemical hall, and club house with plunge bath and restaurant. The students publish a monthly magazine and maintain the Athenæum, and Rusk Society (for men), Ashbel Society (for women), two Christian Associations and an Athletic Association, with a baseball team and tennis club coming under the control of the faculty. Of the 410 graduates, 400 are living. The oldest of these is Samuel C. Red, 1885, of Houston, Texas.

Faculty (incomplete).

Leslie Waggener, M.A., LL.D., President, English.
George Bruce Halsted, M.A., Ph.D., Mathematics.
George P. Garrison, L.A., History.
Thomas U. Taylor, C.E., Applied Mathematics.
Thomas Fitz-Hugh, M.A., Latin.
Frederic William Simonds, Ph.D., Geology.
Morgan Callaway, Jr., Ph.D., English Philology.
Sylvester Primer, Ph.D., Teutonic Languages.
Joseph Baldwin, LL.D., Pedagogy.
William J. Battle, Ph.D., Greek.
Sidney E. Mezes, B.S., Ph.D., Philosophy.
David F. Houston, A.M., Political Science.
Henry W. Harper, Ph.G., M.D., Chemistry.
A. L. McRae, Sc.D., Physics.
Wesley W. Norman, B.Sc., M.A., Biology.
L. R. Hamberlin, B.A., English.
J. Magnenat, French.
Jessie Andrews, B. Lit., German.
Arthur Lefevre, C.E., Mathematics.
E. P. Schoch, C.E., Chemistry.
Stephen Gregory, C.E., Applied Mathematics.
L. G. Bugbee, M.A., History.
Donald Cameron, B.A., Latin.
C. T. Yeiser, A.B., Latin.
B. S. Brown, B.A., Biology.
C. D. Oldright, Biology.
Fritz Reithman, Physics.
A. C. McLaughlin, Geology.
Mrs. H. M. Kirby, Preceptress.

R. S. Gould, M.A., LL.D., Law.
R. L. Batts, LL.D., Law.
Allen J. Smith, A.M., M.D., Pathol.
J. E. Thompson, B.S., M.B., Surg.
S. M. Morris, B.Sc., M.D., Chem.
R. R. D. Cline, Ph.G., Pharmacy.
Henry P. Cooke, M.D., Children's Diseases.
George H. Lee, M.D., Skin Diseases.
George P. Hall, M.D., Eye Diseases.
David Cerna, M.D., Ph.D., History of Medicine.

UNIVERSITY OF THE PACIFIC.

Napa and College Park, Cal. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$15,000	372	26	10	4,000

History and Organization: The university was chartered in 1855, when it was located in Santa Clara. In 1871 its schools were consolidated on a site near San José. The Napa Collegiate Institute dates from 1870, and was changed to Napa College in 1885. The University of the Pacific was finally organized, with the two institutions still retaining their own academic departments, in 1890. The trustees number sixty-eight, of whom seventeen belonged to the old corporation, and fifteen to Napa College.

Admission is on certificate and by examination. Four courses of study lead to degrees of A.B., B.S., B.L., B.Ph., and to masters' degrees after graduate study. Instruction consists largely of lecture and topical investigation. Attendance at chapel is compulsory. Tuition is $52 for the year, lasting from August 6 to May 28. Other expenses aggregate $200.

College Adjuncts: Each college has grounds of five acres, with botanical gardens, gymnasium and astronomical observatories. At San José the students maintain six literary societies, four for men and two for women, to wit: the Arcania, Rhizomia, Cartesia, Adelphia, Amendia, and Sopholectia, with two Christian Associations; while at Napa College there are three literary societies: the Orophilian, Colomensian (for men,) and the Philomathean (for women), with two more Christian Associations and an Athletic Club. The Natural History Society of both colleges also has its headquarters there. Chapters exist of Φ K Ψ, 1881; and K A Θ, 1889.

Faculty.

SAN JOSÉ.

F. F. Jewell, D.D., Chancellor.
J. N. Beard, A.M., D.D., President, Psychology and Ethics.
R. G. Aitken, A.M., Academic Dept., Mathematics and Astronomy.
W. A. Beasly, LL.B., Constitutional and International Law.
Etta E. Booth, Art Department.
A. C. Bothe, A.M., Natural Science.
Noah Brandt, Violin.
J. M. Brosius, A.B., Academic Dept.
Clara I. Cornwell, Elocution.
M. S. Cross, A.M., B.D., Greek, Latin.
Heber D. Curtis, A.M., Greek, Latin.
Eugene E. Davis, Musical Dept.
Lulu L. Davis, Singing.
M. L. Driver, Music.
Eannie M. Estabrouk, M.E., Elocution.
Grace A. Gillett, Commercial Branches.
Lina Hilmen-Smith, Singing.
R. D. Hunt, A.M., History.
J. Ivey, Art.
G. W. Kirkman, U.S.A., Tactics.

Estelle Kiser, Painting.
Helen Kiser, Drawing.
Gertrude E. Lamdin, B.L., Piano.
G. L. Martin, B.D., Classics.
Louisa M. W. Mayne, A.M., English.
Bessie J. Mayne, Preceptress.
Anna M. Mayne, A.M., English.

NAPA.

J. N. Beard, A.M., D.D., President, Psychology.
C. B. Ridgaway, A.M., Dean, Math.
H. D. Curtis, A.M., Greek and Latin.
Mattie H. Russell, A.M., German and French.
H. A. Surface, A.M., Nat. History.
R. D. Hunt, A.M., History.
J. M. Brosius, A.B., Astronomy.
G. W. Kirkman, U.S.A., Military Commandant.
Alma C. Moyer, M.S., Math., History.
J. L. Willoughby, Commercial Dept.
E. E. Davis, Director of Music.
Noah Brandt, Violin.
Etta E. Booth, Jennie G. Mills, Art.
Clara I. Cornwell, Elocution.

UNIVERSITY OF THE SOUTH.

Sewanee, Tenn. *Men.* *Episcopal.*

Income,	Students,	Instructors,	Buildings,	Books,
$30,304	294	29	7	36,000

History: The college was founded in 1857 upon an endowment of $500,000 and $100,000 given by the Legislature of the State. During the war, which broke out only two years after the college had been opened, instruction was suspended, and almost the entire endowment dissipated. After the war new funds were raised, and the college was once more opened in 1868. To the academic and theological departments, with which the university was opened, departments of medicine and law were added in 1893 and 1894.

Organization: The university is governed by seventeen bishops, forty-five trustees, and three alumni trustees, drawn from eleven southern states, assisted by a "hebdomadal" board of twelve members of the faculty. It embraces collegiate, theological, medical and law faculties. Admission is by examination. The degrees are A.B., B.D., B.LL., M.A., M.S., M.D. and LL.D. Attendance at chapel is compulsory. The expenses for the year, ending August 6, are $260, of which $100 is for tuition. Seven scholarships, equivalent to tuition, are annually offered to theological students, with seven for $200 each for academic students. Free tuition is further offered to thirty-four deserving students. Seven medals are annually distributed, and an order of "gownsmen" exists for the most deserving students each year.

Societies: Among several literary, social, religious and athletic organizations the students have organized chapters of: Α Τ Ω, 1877; Σ Α Ε, Κ Σ, 1881; Φ Δ Θ, Δ Τ Δ, Κ Α, 1883; Σ Ν, 1890; and Τ Δ Σ, 1889. A student's journal is published.

Faculty.

B. Lawton Wiggins, M.A., Ancient Languages.
William P. DuBose, M.A., S.T.D., Dean Theol. Dept., Exegesis and Ethics.
Cameron Piggot, M.D., Chem., Geol.
Wm. P. Trent, M.A., Dean of College, English, History.
Benj. W. Wells, Ph.D., Modern Languages.

J. S. Cain, M.D., Dean Med. Dept., Practice of Medicine.
Hugh R. Miller, M.D., Anatomy.
P. T. H. Wood, M.D., Ophthalmol.
J. B. Murfree, M.D., Surgery.
B. J. Ramage, Ph.D., Law.
W. B. Young, M.D., Gynecology.
W. B. Hall, M.A., M.D., Materia Medica.
Rev. W. A. Guerry, M.A., B.D., Homiletics.
John Rodd, M.D., Obstetrics.
Rev. G. White, M.A., B.D., Church History.
Rev. R. H. Starr, M.A., B.D., Dogmatic Theology.
Rev. F. A. Shoup, B.D., Metaphysics.
S. M. Barton, Ph.D., Mathematics.
W. B. Nauts, M.A., Classics.
J. W. Handly, M.D., Genito-Urinary Diseases.
Rt. Rev. Thomas F. Gailor, M.A., S.T.D., Canon Law.
Robert B. Lees, M.D., D.D.S., Oral and Dental Surgery.
J. Edward Miles, Physical Culture.
Samuel D. Wilcox, Registrar and Acting Librarian, Commercial Courses.
George Reneau Rau, M.D., Anatomy and Microscopy.
J. Craik Morris, M.A., Proctor.

UNIVERSITY OF UTAH.

Salt Lake City, Utah. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$31,900	475	50	4	47,000

History: The University of Deseret was incorporated in 1850 and in 1851 was chartered with a chancellor and twelve regents. Instruction was not begun until 1867, when commercial branches were taught for two years. In 1869 classical, scientific and normal courses were added. In 1884 the power to confer degrees was given, and in 1892 the name was changed to the present one. The presidents have been: Dr. John R. Park, 1869–1892; Prof. Joseph T. Kingsbury, Acting-President, 1892–1894; and Dr. James E. Talmage, who was elected in 1894. In the same year an endowment of $60,000 was received with sixty acres of land. In 1895 the city gave "university square" a ten acre block.

Organization and College Adjuncts: The university is governed by nine regents. Admission is on certificate and by examination. The degrees are A.B., B.S., and Min.Eng. Attendance at chapel is voluntary. The students publish the "Chronicle," and a "University Quarterly" is also issued. Four literary societies, of which two are for men, one for women, and one for both sexes, with Christian Associations, and other organizations are also maintained. In affiliation with the university are the Microscopic and Natural History Societies of Utah and a Scientific Field Club.

Of the 435 graduates, 400 are living. The oldest is William Bradford, 1876, of Salt Lake City.

Faculty.

James E. Talmage, D.Sc.D., Ph.D., F.R.S., F.G.S., President, Geol.
Joseph T. Kingsbury, Ph.D., Chem.
Wm. M. Stewart, M.Did., Pedagogy.
George M. Marshall, Ph.B., English.
Geo. R. Mathews, A.M., French and German.
Joseph B. Toronto, Mathematics.
Clement A. Whiting, D.Sc., Nat. Hist.
Byron Cummings, A.M., Classics.

Joseph Whiteley, A.M., History.
Joseph F. Merrill, B.S., Chemistry.
David R. Allen, Mathematics.
George Q. Coray, B.S., Economics.
Evan Stephens, D.B., Vocal Music.
Maud M. Babcock, B.E., Phys. Cult.
William D. Neal, M.S., Geology.
Amelia E. Brotherhood, U.S. Hist.
William G. Roylance, B.S., History and Pedagogy.
Emma R. Kees, M.E.D., Pedagogy.
Robert H. Bradford, B.S., Mineralogy and Geology.
Fred W. Reynolds, B.S., English.
Richard R. Lyman, B.S., Engineering and Mechanical Drawing.
George O. James, A.B., Physics.
Alfred Bond, Manual Training and Gymnastics.
Thomas Hadley, Chemistry.

UNIVERSITY OF VERMONT.

Burlington, Vt. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$62,500	480	50	11	50,000

History: The university was founded by General Ira Allen, who gave £4,000. The act establishing the university was passed by the legislature in 1791, and has remained substantially intact, except that an agricultural college has been provided for. The medical college dates from 1854, and is one of the oldest in the country. During the War of 1812 the college buildings were occupied by the American troops for one year. In 1829 the main building was destroyed by fire. In 1854 the semi-centennial of the first class was held and the Medical College established. In 1891 the centennial of the college was celebrated. The presidents have been: Daniel Clarke Sanders, 1800–1814; Samuel Austin, 1815–1821; Daniel Haskel, 1821–1824; Willard Preston, 1825–1826; James Marsh, 1826–1833; John Wheeler, 1833–1849; Worthington Smith, 1849–1855; Calvin Pease, 1855–1861; Joseph Torrey, 1861–1866; James Burrill Angell, 1866–1871; Matthew Henry Buckham, 1871 to date.

Admission, Instruction, Degrees: The university is governed by eighteen trustees, and embraces schools of arts, science, engineering, chemistry, agriculture, and of medicine. Admission is on certificate, or by examination. Negroes are not excluded. After the first year elective studies are offered. The degrees are A.B., B.S., B.Ph., B.S. in Chem., C.E., E.E., M.E., and B.Agr., with A.M., and Ph.D., after one and two years of graduate study.

Dues, Scholarships, and Prizes: Tuition is $80 for the year, lasting from September 25 to June 24. Other expenses aggregate from $150 to $200. Thirty state scholarships, equivalent to tuition, are offered, and forty-five on the incomes of individual endowments, besides twelve prizes ranging from $10 to $50. A loan fund has likewise been established.

Equipment: The grounds cover a square of three-eighths of a mile. The library includes the valuable collection of the late George P. Marsh. The museum contains an art gallery with other notable collections, among them a complete set of the rocks and marbles of Vermont. A gymnasium and athletic grounds provide for physical exercise, and a university farm is connected with the agricultural

station, together with a herbarium containing all the plants found in Vermont.

Societies and Publications: The students publish the "Cynic," which appears once every three weeks, and "Ariel," a junior annual. The societies are: Athletic Association, providing for baseball, football, tennis, track athletics, etc.; two Christian Associations; glee, mandolin, and banjo clubs; clubs of students from preparatory schools; Chemical and Engineering societies; Cotillion and Republican clubs; with chapters of the following fraternities: Φ B K, Γ A, 1836; Σ Φ, 1845; Δ Ψ, 1850; Φ Δ Θ, 1879; Δ M, 1880; K A Θ, 1882; A T Ω, 1887; Φ X, 1889; A K K, 1890; K Σ, Δ Δ Δ, 1893; and A Φ, 1895.

Faculty.

Matthew H. Buckham, D.D., President.
John Ordronaux, M.D., LL.D, Medical Jurisprudence.
Rev. Henry A. P. Torrey, A.M., Philosophy.
Volney G. Barbour, Ph.B., C.E., Mechanics.
George H. Perkins, Ph.D., Natural History Museum.
Rev. John E. Goodrich, A.M., Latin.
Albert F. A. King, A.M., M.D., Diseases of Women.
A. P. Grinnell, A.M., M.D., Medicine.
Rudolph A. Witthaus, A.M., M.D., Medical Chemistry.
Samuel F. Emerson, Ph.D., History.
John H. Jackson, A.M., M.D., Physiology.
Nathan F. Merrill, Ph.D., Chemistry.
Joel W. Wright, A.M., M.D., Surgery.
A. L. Daniels, Sc.D., Mathematics.
L. J. Huff, German.
A. M. Phelps, M.D., Surgery.
J. W. Votey, C.E., Civil Engineering.
H. A. Storrs, C.E., Elec. Engineering.
Horatio Loomis, Sc.D., Mineralogy.
L. R. Jones, Ph.B., Botany.
A. W. Ayer, B.S., Mech. Engineering.
W. C. Kitchin, Ph.D., French.
J. L. Hills, B.S., Agricultural Chem.
H. E. Tutterly, A.M., U.S.A., Tactics.
H. C. Tinkham, M.D., Anatomy.
F. Tupper, Jr., Ph.D., Rhetoric.
A. W. Slocum, A.M., Physics.
G. E. House, Ph.D., Greek.
J. D. Wheeler, A.B., M.D., Surgery.
C. S. Boynton, A.M., M.D., Chem.
J. N. Jenne, M.D., Materia Medica.
P. E. McSweeney, M.D., Obstetrics.
J. H. Woodward, B.S., M.D., Ophthalmology.
W. W. Seymour, A.B., M.D., Gynecology.
J. H. Linsley, M.D., Pathology.
J. R. Hayden, M.D., Genital Diseases.
P. M. Wise, M.D., Insanity.
G. M. Hammond, M.D., Nervous Diseases.
A. B. Bisbee, M.D., Insurance Cases.
J. E. Cushman, Medical Law.
J. B. Stearns, B.S., Chemistry.
F. A. Rich, V.S.M.D., Vet. Medicine.
H. B. Chittenden, A.M., Agriculture.
James Eaton, Shop Work.
H. R. Watkins, M.D., Anatomy.
C. W. Doten, Ph.B., Elocution.
T. R. Barnum, A.B., Librarian.
C. M. Goodrich, Assistant Librarian.
H. DeW. Giddings, G. M. Sabin, Chemical Laboratory.
J. F. Young, B.S., Elec. Laboratory.

UNIVERSITY OF VIRGINIA.

Charlottesville, Va. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$136,000	567	46	12	53,000

History: The University of Virginia was the first state university established in this country. Thomas Jefferson, after great opposi-

tion from all other Virginia colleges, founded the university in 1819. It was then united with Central College, and after full acceptance of Jefferson's original plans, opened its doors to students in 1825. The university buildings were finished by Italian sculptors whom Jefferson had imported. Dr. Thomas Cooper, the first professor of the new university, by reason of his heterodox views, was forced to resign immediately after his election, to Jefferson's great chagrin. The founder thereupon turned to Europe for new material, calling no less than four professors from England. In 1824, the new school was visited by George Ticknor, of Harvard College, who is believed to have there assimilated the reforms in regard to discipline and elective study, which were afterward introduced by him at Harvard. Two years later Thomas Jefferson died, after having had sole charge of the university for one year, as its first rector. He was buried on the roadside of the highway leading from his house to the university, and his grave is marked by a monument erected by Congress, bearing the inscription: "Here was buried Thomas Jefferson, author of the Declaration of American Independence, of the Statute of Virginia for Religious Freedom, and Father of the University of Virginia. Born April 2d, 1743, O.S. Died July 4th, 1826."

After Jefferson's death the university became heavily indebted, until the state legislature freed its annual appropriation from all encumbrances. A medical school was added in 1827, which has since been enlarged by schools of medical jurisprudence, of surgery, and of anatomy. In 1851 the Law School was created, followed in 1856 by the two schools of Language and of History, the last of which was endowed with $50,000 by W. W. Corcoran. A School of Technology was added in 1867, followed in 1870 by the establishment of a School of Agriculture on Samuel Miller's endowment of $100,000. An astronomical observatory was given by Leander J. McCormick in 1882. Connected with it was Professor Sylvester, the famous mathematician. The largest attendance of nearly seven hundred occurred shortly before the outbreak of the Civil War. During the war instruction was suspended. The semi-centennial of the university was celebrated in 1875. In October, 1895, the Rotunda and Annex built by Jefferson were destroyed by fire, including many books and works of art. Since that time sufficient funds have been raised among the alumni to restore these buildings, and to erect a public hall, physical and chemical laboratories, costing in all $250,000. The Rotunda, henceforth, is to be used for library purposes only.

Organization: The university is governed by ten visitors, and comprises academical, engineering, agricultural, medical, pharmaceutical, and law departments, besides numerous other schools. Admission is by examination, but no candidates over sixteen years of age are rejected for deficiencies in studies they do not intend to pursue. Negroes are excluded. All studies are elective. Attendance at chapel and religious exercises has always been voluntary. The laws of the university require from every student a sacred regard for truth. Thus the "honor system" at examinations has been practised at Virginia ever since its foundation. Students are forbidden to indulge in outdoor sports on Sundays, to swear, game, or introduce spirits or deadly weapons into the university precincts, nor are they

allowed to contract accounts with tradesmen. At the end of each month a circular letter is sent by the president to the parent or guardian of each student informing them of the student's absences from study and other matters of conduct. Members of athletic teams or musical clubs not of age are not allowed to leave the university for intercollegiate contests. The degrees are B.A., B.S., B.L., Ph.G., M.D., M.A., and Ph.D., the last of which are granted after graduation from a specified number of schools.

Dues, Scholarships, and Prizes: Tuition for the year, lasting from September 15 to June 17, is from $125 to $175 in the different departments. Total expenses for Virginians aggregate from $200 to $300, while students from other states pay some $80 in addition. Eleven university scholarships, yielding from $100 to $160, are annually awarded, with six others for less amounts, and one graduate fellowship.

Equipment: The university owns four hundred acres, of which one hundred and a skating-pond belong to the campus. Besides the two buildings which were burned, there are the Museum, the Leander McCormick Observatory, and the physical, chemical, biological, and pathological laboratories, with a new mechanical hall and machine shop. The total productive funds amount to $275,000.

Societies and Publications: The students publish the "University Magazine" (a monthly), the "Quarterly Bulletin," "College Topics" (a weekly), and a Y. M. C. A. "Handbook," with bi-weekly "Annals of Mathematics." The societies are: the Philosophical Society (composed of professors and graduates), the Jefferson and Washington literary societies (dating back to the beginning of the university), several musical clubs, a Christian Association, and a recently organized Athletic Association, with football, baseball, track, and other athletic clubs, coming under the control of the faculty. Chapters of the following fraternities have been organized: Δ K E, 1852; Φ K Σ, 1855; Φ K Ψ, 1853; B Θ Π, 1856, united with Mystical Seven in 1867; K A, 1857–1861; Σ A E, 1857; Φ Γ Δ, 1859–1887; X Φ, 1859; Σ X, Δ Ψ, 1860; K Σ, 1867; Z Ψ, 1868–82; X Ψ, 1868–1870; Φ K A, 1868–1890; A T Ω, 1868; Σ N, 1870; Θ Δ X, 1872–1877; K A, Φ Δ Θ, 1873; Δ T Δ, 1885; Φ A X, Φ Θ Ψ, Φ Δ Φ, 1890.

Faculty.

Paul B. Barringer, M.D., Chairman, Physiology.
F. H. Smith, M.A., LL.D., Natural Philosophy.
G. F. Holmes, LL.D., D.C.L., Historical Science.
W. H. Echols, B.S., C.E., Mathematics, and Supt. of Grounds.
W. E. Peters, LL.D., Latin.
N. K. Davis, M.A., Ph.D., LL.D., Moral Philosophy.
W. M. Fontaine, M.A., Nat. History.
Ormond Stone, M.A., Astronomy.
J. M. Garnett, M.A., LL.D., English.
F. P. Dunnington, B.S., Chemistry.
J. H. Gilmore, LL.D., Law.
J. W. Mallet, M.D., Ph.D., LL.D., F.R.S., Chemistry.
M. W. Humphreys, M.A., Ph.D., LL.D., Greek.
A. H. Tuttle, M.S., Biol., Agriculture.
C. W. Kent, M.A., Ph.D., English Lit.
W. M. Lile, B.L., Law.
W. G. Christian, M.D., Anat., Surg.
A. H. Buckmaster, M.D., Gynecology.
J. A. Harrison, L.H.D., LL.D., Romance Languages.
W. H. Perkinson, Ph.D., Teutonic Languages.
W. D. Dabney, B.L., Law.

R. H. Dabney, M.A., Ph.D., History.
John Staige Davis, M.A., M.D., Pathology and Hygiene.
Raleigh C. Minor, M.A., B.L., Law.
J. M. Page.
H. T. Nelson, M.D., Clin. Surgery.
W. A. Lambeth, M.D., Phys. Culture.
W. J. Martin, Jr., A.M., Ph.D., M.D., Chemistry.
G. M. Peek, M.E., Engineering.
J. H. Paxton, M.A., Classics.
J. H. Corbitt, M.A., Physics.
W. B. Tuttle, Biology.
H. O. Murfee, B.S., Mathematics.
H. S. Hedges, M.A., M.D., W. E. McConville, M.D., A. C. Jones, M.D., J. D. Osborne, M.D., Anat.
W. W. Luck, M.D., Lyman Skeen, Jr., M.D., I. C. Harrison, M.D., Medical Biology.
G. M. Buck, B.A., Astronomy.
E. M. Magruder, M.D., Phys. Diag.
W. M. Randolph, M.D., Genito-Urinary Surgery.
J. A. Crowther, M.D., S. T. Barnett, A. T. Finch, Clinical Medicine.
F. W. Page, Librarian.
J. B. Baker, Secretary.

UNIVERSITY OF WASHINGTON.

Seattle, Wash. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$45,000	425	18	5	5,000

History: Under an Act of Congress of 1854 the Territorial Legislature in 1858 established this university on 160 acres of land at Cowlitz. In 1860 and the following year the university was moved to Seattle, where ten acres of land were provided. The first building was finished in 1862. Since 1893 the state legislature has given $200,000 for new buildings, and has voted $40,000 a year for maintenance, besides bonding the university land for $250,000. The first instructor was A. S. Mercer, in 1862, who was succeeded by W. E. Barnard, and G. F. Whitworth, each for two years. The school was then closed for two years. In 1870, S. H. Hall took charge. From 1872 to 1874, E. K. Hill presided, followed by F. H. Whitworth and Miss Thayer. G. F. Whitworth was president from 1874 to 1876. For lack of funds the university was then closed. A. J. Anderson, who was president in 1877, remained until 1882. The college was organized and a class has since been graduated every year. In 1882 L. J. Powell was president, and served till 1887. He was succeeded by T. M. Gatch, A.M., Ph.D.

Organization: The university is governed by seven regents. Admission is by examination in six subjects selected out of sixteen, except for graduates of the State High School. The curriculum is elective from the first year. The degrees are A.B., B.Ph., B.S., B.L., and B.LL., C.E., Ph.C., Min.Eng., and Ph.G., with masters' degrees after graduate study. Attendance at chapel is voluntary, but military drill is required of all able-bodied male students. Tuition is free to all residents of the state, except in the Law School and Musical Conservatory. Students from other states pay $40 for the year, lasting from September 3 to May 28.

Equipment: The university has just been transferred to a tract of 320 acres 225 feet above the sea, between Lakes Union and Washington, three miles from Seattle. The new buildings, of great architec-

tural beauty, include an Administration Hall, containing a museum, assembly hall and library, besides lecture rooms and laboratories, an astronomical observatory, with a gymnasium and armory, offering accommodations for men and women. The arboretum on the new university site is rich in the trees and plants of Puget Sound.

Societies and Publications: The students publish the "Pacific Wave," a monthly, and maintain the Aletheuonean and Philomathean, Normal, and Thalian Literary Societies, two Christian Associations, two Athletic Associations, an Oratorical Association, and two Classical Clubs. Of the 120 graduates, 110 are living. The oldest is Clara M. Wilt, of 1876, of Tacoma.

Faculty.

Mark W. Harrington, A.M., LL.D., President.
Thomas M. Gatch, A.M., Ph.D., Political Science.
Joseph M. Taylor, M.S., Astronomy.
Ellen J. Chamberlin, A.M., English.
Mark Bailey, Jr., A.M., Classics.
Charles Hill, M.S., Biology.
Edward J. Hamilton, D.D., S.T.D., Philosophy.
Adolph F. Bechdolt, A.M., Ph.D., Anglo-Saxon.
William F. Edwards, B.S., Physics.
H. Landes, A.M., Geol., Mineralogy.
H. C. Myers, Ph.D., F.C.S., Chem.
Chas. F. Reeves, M.S., Mod. Lang.
J. H. Wholley, U.S.A., Mil. Science.
Florent Constant, B. ès-L., French.
Geo. M. Davison, A.B., Latin, Greek.
Martha L. Hansee, A.M., Ancient Languages.
C. W. Vander Veer, Physical Culture.
John Haan, B.S., Math. and German.
E. S. Meany, B.S., Registrar.
H. H. Hindshaw, B.S., Curator.
T. C. D. Kincaid, Biology.
Daniel E. Douty, B.S., Physics.
Thomas W. Lough, Chemistry.
F. E. B. Smith, Librarian.
Carrie O. Wilmore, Librarian.

UNIVERSITY OF WISCONSIN.

Madison, Wis. *Co-Educational.* *Non-Sectarian.*

Income.	Students.	Instructors.	Buildings.	Books.
$282,954	1,600	111	13	39,000

History: The territorial government in 1833 established the university and in 1848 the State made special provisions for its benefit. In 1849 a board of regents was organized. The first buildings were erected in 1851, Agricultural Hall and University Hall following in 1855 and 1861. In 1866 the university was re-organized and the College of Agriculture was added, followed by those of Law in 1868, of Engineering in 1870, of Pharmacy in 1883, Summer School in 1887, with Schools of Economics and Political History in 1892, and a Musical Conservatory in 1895.

Organization: The regents number fourteen. Matters of academic discipline are entrusted to a student body of class officers, chosen by the faculty. Admission is by examination and on the certificates of 118 accredited schools, and the State Normal School. Attendance at chapel is voluntary, but military drill is compulsory for male

students during the first two years. The academic degrees are A.B., B S., and B.L., with professional degrees in pharmacy, medicine and laws conferred by those respective departments, and with technical degrees of B.S. in Agr., and B.S. in English. Masters' degrees are conferred after one year of graduate study, with that of Ph.D. after three years of such study. University Extension provides for twenty-one courses. During the last two years of the collegiate course studies are largely elective, eleven groups of such studies being offered.

Dues, Scholarships and Prizes: Tuition is free for residents of Wisconsin, but non-residents pay $25 for the year, lasting from the last Wednesday in September to the Thursday before the last Tuesday in June. Special fees are charged in the professional schools. Ten scholarships of $35 are offered for Scandinavians, ten fellowships yielding $400 each for graduates, three university scholarships (one of which is for women), one pharmaceutical, and ten honorary scholarships, each yielding $150.

Equipment: The college grounds cover 240 acres on the former site of Camp Randall adjoining Lake Mendota. Besides the university library there are special collections of French literature, law and astronomy, and students have access to the Law and State Historical libraries of Madison. The laboratories number more than one dozen. The museum contains collections of geology, biology and zoölogy and there is a herbarium with a rich collection of the plants of Wisconsin. The Washburn Observatory is equipped with a fifteen and one-half inch telescope. An armory and gymnasium, measuring two hundred by one hundred feet, together with athletic grounds, provide for physical exercise together with a smaller gymnasium in Ladies' Hall.

Societies and Publications: The university issues series in engineering, economics, philology and literature. The agricultural station and observatory have published seventy such volumes. The students among other periodicals publish the "Trochos" and "Badger," and maintain the following societies: Athenæan, Hesperian, Philomathean and Phœnix, (for men), Castalian and Laurean (for women), Bildungs Verein, Nova Semlog, with clubs of Biology, Mathematics and Chemistry. Three societies are incorporated in the law department, with others in the agricultural department, and there are two Christian Associations and an Athletic Association, with football, baseball, track and other teams as well as crews. Chapters have been organized of: Φ Δ Θ, 1857; Β Θ Π, 1873; Φ Κ Ψ, 1875; Χ Ψ, 1878; Κ Κ Γ, 1875; Δ Γ, 1881; Σ Χ. 1884; Δ Υ, 1885; Γ Φ Β, 1885; Δ Τ Δ, 1879; Φ Γ Δ, 1882 and Α Τ Ω, 1888.

The graduates number more than 5,000 of whom the oldest is Levi Booth, 1854, of Denver, Col.

Faculty.

Charles K. Adams, LL.D., President.
John B. Parkinson, A.M., Vice-President, Constitutional Law.
S. M. Babcock, Ph.D., Agricul. Chem.
Charles R. Barnes, Ph.D., Botany.
Robert M. Bashford, A.M., LL.B., Private Corporations.
Edward A. Birge, Ph.D., Zoölogy.
Edwin E. Bryant, Practice and Pleading, etc.

Storm Bull, M.E., Steam Engineering.
J. H. Carpenter, LL.D., Contracts.
John B. Cassoday, LL.D., Constitutional Law.
Lieut. Edward Chynoweth, U.S.A., Mil. Science and Tactics.
Julius M. Clements, Ph.D., Geology.
Victor Coffin, Ph.D., European Hist.
George C. Comstock, Ph.B., LL.B., Director Washburn Observatory.
John A. Craig, B.S.A., Animal Husbandry.
Wm. W. Daniells, M.S., Chemistry.
John E. Davies, A.M., M.D., LL.D., Electricity and Mathematical Phys.
James C. Elsom, M.D., Gymnasium.
R. T. Ely, Ph.D., LL.D., Econ., etc.
Edward H. Farrington, M.S., Dairy Husbandry.
Albert S. Flint, A.M., Astronomy.
S. B. Fortenbaugh, M.M.E., Electrical Engineering.
David B. Frankenburger, A.M., Rhetoric and Oratory.
John C. Freeman, LL.D., English.
Almah J. Frisby, B.S., M.D., Preceptress, Hygiene.
Emmett S. Goff, Horticulture.
Chas. N. Gregory, A.M., LL.B., Law.
Chas. H. Haskins, Ph.D., Institutional History.
George L. Hendrickson, B.A., Latin.
Wm. A. Henry, Agr.B., Agriculture.
H. W. Hillyer, Ph.D., Organic Chem.
Wm. H. Hobbs, Ph.D., Mineralogy and Petrology.
F. G. Hubbard, Ph.D., English.
Dugald C. Jackson, C.E., Electrical Engineering.
Joseph Jastrow, Ph.D., Psychology.
Burr W. Jones, A.M., LL.B., Law of Evidence, etc.
F. R. Jones, M.E., Machine Design.
Alexander Kerr, A.M., Greek.
Charles I. King, Mechanical Practice.
Franklin H. King, Agricult. Physics.
Amos A. Knowlton, A.M., Rhetoric.
Edward Kremers, Ph.G., Ph.D., Pharmaceutical Chemistry.
A. G. Laird, Ph.D., Classics.
Edward R. Maurer, B.C.E., Mechan.
George McKerrow, Supt. Agricultural Institutes.
John M. Olin, A.M., LL.B., Law of Real Property, etc.
Julius E. Olson, B.L., Scandinavian.
Edward T. Owen, A.B., French.
Fletcher A. Parker, Director Music School, Organ, etc.
Arthur W. Richter, M.E., Experimental Engineering.
Wm. H. Rosenstengel, A.M., German.
Harry L. Russell, Ph.D., Bacteriology.
Wm. A. Scott, Ph.D., Polit. Econ.
Chas. S. Slichter, M.S., Applied Math.
Chas. F. Smith, Ph.D., Greek and Classical Philology.
Benjamin W. Snow, Ph.D., Physics.
Hiram A. Sober, A.B., Latin.
John W. Stearns, LL.D., Philosophy and Pedagogy.
Frederick E. Turneaure, C.E., Bridge and Hydraulic Engineering.
Frederick J. Turner, Ph.D., American History.
Chas. R. Van Hise, Ph.D., Geology.
Chas. A. Van Velzer, Ph.D., Math.
Nelson O. Whitney, C.E., Railway Engineering.
Frederick H. Wilkens, Ph.D., German Philology.
Wm. H. Williams, A.B., Hebrew and Hellenistic Greek.
Fritz W. Woll, M.S.. Agricul. Chem.
Louis W. Austin, Ph.D., Physics.
Pauline M. Bauer, Gymnastics.
Wm. B. Cairns, A.M., Rhetoric.
Lellen S. Cheney, B.S., Botany.
John W. Decker, Agr. B., Dairying.
Henry H. Everett, Gymnastics.
Richard Fischer, Ph.C., B.S., Practical Pharmacy.
Lucy M. Gay, B.L., French.
Wm. F. Giese, A.M., Romance Lang.
John G. D. Mack, B.S., M.E., Engineering.
Wm. S. Marshall, Ph.D., Biology.
John L. Mead, M.S., Ph.G., Pharmaceutical Chemistry.
W. S. Miller, M.D., Vertebrate Anat.
James F. A. Pyre, B.L., English Lit.
Harriet T. Remington, M.L., German.
Wm. O. Richtman, Ph.G., Pharmaceutical Chemistry.
Arthur P. Saunders, Ph.D., Chem.
Geo. W. Saunderson, A.M., LL.B., Elocution.
Herman Schlundt, B.S., Chemistry.
Frank C. Sharp, Ph.D., Philosophy.
Ernest B. Skinner, A.B., Math.
L. S. Smith, B.C.E., Engineering.
Susan A. Sterling, B.L., German.
Chas. B. Thwing, Ph.D., Physics.
Edward B. Van Vleck, Ph.D., Math.

Alfred Vivian, Ph.G., Pharmacognosy.
James R. Young, B.S., Engineering.
Walter M. Smith, A.B., Librarian.
Wm. H. Dudley, A.B., Assist. Librarian.
James C. Hanson, A.B., Hester Coddington, Cataloguers.
Arthur C. Wilkinson, Law Librarian.
Albert H. Smith, Ass't Law Librarian.
Edward F. Riley, Sec. of Regents.
Frank G. Hubbard, Ph.D., Secretary of Faculty.
Helen M. Lander, Matron.
William D. Hiestand, Registrar and President's Secretary.
Leslie H. Adams, Farm Sup't.
James S. Smith, Piano.
Ada Bird, Piano.
Wm. G. Sired, Piano and Voice.
Chas. Nitschke, Instrumental Music.
John Luehers, Instrumental Music.
Annie M. Lyon, Guitar, Banjo, and Mandolin.
Nettie M. Gale, Secretary of Music School, French and German Pronunciation.

UNIVERSITY OF WOOSTER.

Wooster, Ohio. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$34,000	796	25	4	18,000

The university was organized in 1866, and the cornerstone was laid in 1868. An endowment was secured in 1869, and the following year the collegiate department and medical school began instruction. A preparatory school was added in 1872, and normal and graduate courses followed in 1882.

The trustees number thirty. Admission is by examination. Classical, philosophical, and literary courses, with elective studies in the last two years, lead to degrees of A.B., B.S., and B.L., with masters' and doctors' degrees after prescribed graduate study. Attendance at chapel is compulsory. The expenses for the year, lasting from September 11 to June 13, are $160. Many scholarships are offered to deserving students, with prizes ranging from $25 to $90 for excellence in study and debate.

The college grounds cover twenty-one acres, with an adjoining athletic field. The university buildings, standing on high ground in an old oak grove of twenty-one acres, include a chapel, observatory, and gymnasium. The students maintain three literary societies: the Athenae and Irving (for men), the Willard (for women), besides the Lowell and Orio in the academy, two Christian Associations, a Mission Band, and an Athletic Association, with a baseball team and other athletic organizations. Chapters of the following fraternities have been organized: Φ Κ Ψ, 1871; Β Θ Π, Φ Δ Θ, 1872; Σ Χ, 1873; Κ Α Θ, Κ Κ Γ, 1875; Δ Τ Δ, 1879, Φ Γ Δ, 1882, and Α Τ Ω, 1888.

Of the 900 graduates, forty per cent are clergymen. The oldest alumnus is John C. Miller, 1871, of Winfield, Kan.

Faculty.

Rev. Sylvester F. Scovel, President, Ethics.
Samuel J. Kirkwood, Ph.D., LL.D., Astronomy.
Jones O. Notestein, Ph.D., Latin.
Wm. Z. Bennett, Ph.D., Chemistry.
Elias Compton, Ph.D., Philosophy.
John D. Black, A.M., Mathematics.

H. N. Matier, M.D., Ph.D., Biology.
Rev. E. W. Work, A.M., Bible.
William J. Seelye, A.M., Greek.
John C. Boyd, Ph.M., German.
Henri G. Behoteguy, A.M., French.
Minnie L. McDonald, Vocal Music.
Gertrude Gingrich, German.
J. Byron Oliver, History.
Anna M. Hunt, Violin and Harmony.
Harry C. Myers, A.B., Gymnasium.
Emma Sonnedecker, Art.
Ralph H. McKee, Chemistry.
Clayton E. Reed, Biology.
John Meeker, Biology.
Nellie Brown, Physical Culture.
Rev. W. H. Jeffers, D.D., LL.D., Greek Philosophy.
Hon. Martin Welker, LL.D., Constitutional Law.
Rev. Thos. K. Davis, D.D., Librarian.
Alice S. Davis, Assist. Librarian.
Elizabeth M. Pendleton, A.B., English and History.
Frances Lucas, A.B., Latin.
E. R. Fetters, Penmanship.

UNIVERSITY OF WYOMING.

Laramie, Wyom *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$41,000	106	12	2	5,000

The university was chartered in 1886, and opened in 1887 with four courses. In 1891 the usual government appropriation of $35,000 caused an agricultural college to be added. Ex-Governor Hoyt was president during the first three years, and was succeeded by A. A. Johnson, B.D., the present incumbent.

The university is governed by eleven trustees. Admission is on certificate and by examination. Courses are offered in the classics, literature, philosophy, and the sciences leading to bachelors' and masters' degrees; and there is a Normal School, a School of Mines and Mechanic Arts, and an Agricultural College, all conferring appropriate degrees. Attendance at chapel is voluntary, but military drill is required of all able-bodied male students.

The college grounds cover twenty acres, and include a university farm. The students maintain the Olympic, Lowell, and University societies, a Mock Senate, with Alumni, Christian, and Athletic associations. Secret societies are not allowed by the faculty. The graduates number twenty-five, of whom William H. Bramel, 1891, of Salt Lake City is the oldest.

Faculty.

Frank Pierrepont Graves, A.M., Ph.D., President, Philosophy.
Justus F. Soule, A.M., Greek, Latin.
Aven Nelson, M.S., A.M., Biological Sciences.
Henry Merz, B.S., A.M., Political Sciences.
Burt C. Buffum, M.S., Agriculture and Horticulture.
Wilbur C. Knight, B.S., A.M., Mining and Geology.
Edwin E. Slosson, M.S., Chemistry.
Irene M. Morse, Ph.B., A.M., German, French, and History.
Cora M. McDonald, A.M., English.
Capt. C. A. Varnum, U.S.A., Tactics and Mathematics.
C.B. Ridgaway, A.M., Math., Physics.
Mrs. Leroy Grant, Music.
Wm. H. Reed, Geology.
Wm. F. Gilkison, B.S., Mechanical Engineering.

UPPER IOWA UNIVERSITY.

Fayette, Iowa. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$14,000	446	22	7	5,500

History: The school was founded as Fayette Seminary by G. W. Alexander, and took its present name in 1857. A charter was granted in 1862, when the first college class was graduated. The principals and presidents have been: Rev. William H. Poor, 1857–1858; L. H. Bugbee, A.M., D.D., 1858–1860; William Brush, A.M., D.D., 1860–1869; Rev. C. M. Stowers, A.M., 1869–1870; Rev. B. W. McLean, 1870-1871; Rev. R. Norton, 1871–1872; J. W. Bissell, A.M., D.D., 1872 to the present.

Organization: The university is governed by thirty trustees, Admission is on certificate and by examination. Negroes are admitted. A classical, Latin-scientific, and scientific course lead to degrees of A.B., B.S., and B.Ph. The master's degree is conferred after three years of graduate study. In the first two years all studies are prescribed. In the junior year one-third, and in the senior year two-thirds of all studies are elective. Attendance at chapel is compulsory, but gymnastics and military drill are elective. Expenses for the year, from September 1 to June 10, are $125. Prizes of $25 and $50 are given for debate and oratory, besides declamation prizes in the academy. The college grounds cover ten acres. The museum of natural history is well-equipped with specimens from the State of Iowa.

The students publish the "Fayette Collegian," and maintain the following literary societies: Zetagathean, Philomathean, Zeta Alpha, and the Aeonia, Oratorical and Christian associations, a Mission Band, Ladies' Professorship Association, and an Athletic Association, with baseball team and tennis club. The Alumni Association consists of graduates who have contributed $100 to endow a chair of biology. Of the 280 graduates, 250 are living.

Faculty.

Rev. John W. Bissell, A.M., D.D., President, Ethics.
Fred C. Eastman, A.M., Ph.D., Latin and Greek.
Bruce Fink, Sc.M., Biology, Geology.
Alfred N. Cook, A.M., Physics, Chem.
McKendree W. Coultrap, A.M., Math.
Mary Henry, A.M., Precep., French.
Levi A. Stout, A.M., English and Didactics, and Librarian.
Henry E. Hurd, Commercial Law.
Caroline M. Lakin, Art School.
Bernhardt Dubbert, Music.
Emma E. Bissell, Shorthand.
Frank T. Bement, Ph.B., Latin.
Robert B. Wylie, History and Math.
Mrs. B. Dubbert, Piano and Organ.
Oren E. Bailey, M.Acct., Business Coll.
Mabel L. Patterson, Art School.
Fred B. McGee, Director Gymnasium.
Arthur L. Haines, Physics.
Albert S. Skinner, Biology.
Mabel Penney, Bertha Glattley, Normal Department.
T. E. Fowells, Penmanship.
Julia F. Mason, Elocution.
Vernon E. Hall, Assistant Librarian.
Mrs. Clara E. McClelland, Matron.

URBANA UNIVERSITY.

Urbana, Ohio. *Co-Educational.* *New Church.*

Income,	Students,	Instructors,	Buildings,	Books,
—	40	5	1	500

This school, which is a university only in name, was chartered in 1850. The trustees number twelve. Preparatory instruction only is given. Two funds exist to aid poor students. The academic year is from September 18 to June 18.

Faculty.

Rev. John Whitehead, M.A., Principal, Ancient Languages.
D. O. Brine, B.Sc., M.D., Biology.
Agnes Goerwitz, Grammar School.
John H. Williams, B.S., Mathematics, Physics, and Chemistry.
Sarah A. Worcester, M.A., English, French, and German.

URSINUS COLLEGE.

Collegeville, Penn. *Co-Educational.* *Reformed Church.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,600	180	21	2	6,000

The college was chartered in 1869, and opened in 1870. In 1881 women were admitted and a building on a separate lawn of four acres was erected for them. The entire college grounds cover twenty-eight acres. The directors, of whom five are alumni, number twenty-one.

Admission is by examination and on high school and academy certificates. The courses of study are the classical, Latin, Latin-mathematical, scientific, and in modern languages, all leading to the degree of A.B. The School of Theology confers the degree of B.D. All these studies are largely elective. Attendance at chapel is compulsory. Expenses for the year, lasting from September 17 to June 20, aggregate $150. Fourteen scholarships, on the interest of $1,000 each, are annually available. A four-year tuition scholarship, three oratorical prizes, and tuition for one graduate from each high school of the state are also offered.

The students maintain the Zwinglian and Schaff societies, two Christian Associations, the Olevian for women, and the Ehrard for Germans. Of the 300 alumni, 280 are living, not including seventy-three honorary alumni.

Faculty.

Rev. Henry T. Spangler, D.D., President, Psychology and Homiletics.
J. Shelly Weinberger, LL.D., Greek.
Rev. M. Peters, A.M., B.D., History of Philosophy and New Testament Literature.

Alcide Reichenbach, A.M., German and Pedagogy.
P. Calvin Mensch, A.M., M.D., Ph.D., Biology.
Clarence A. Saunders, A.M., Ph.D., Mathematics and Astronomy.
J. A. Strassburger, A.M., Lecturer on Constitution.
Whorten A. Kline, A.B., Latin and English.
Rev. William J. Hinke, A.M., English Bible and Old Testament Literature.
A. J. Harbaugh, Mathematics.
Lewis A. Williamson, M.S., Math.
Minnie G. Dean, A.B., Principal Olevian Hall.
A. E. Messinger, Music.
John H. Helffrich, M.D., Violin.
Hanna Keely, Painting and Drawing.
Sara C. Hendricks, B.L., Voice Cult.
Caroline C. Schieber, Stenography.
Rev. James I. Good, D.D., Theology.
Rev. John H. Sechler, D.D., Church History.
George B. Hynson, Elocution.

VANDERBILT UNIVERSITY.

Nashville, Tenn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$110,000	700	70	16	15,000

Cornelius Vanderbilt in 1873 gave $1,000,000 to which W. H. Vanderbilt, his son, added $300,000, besides buildings. The presidents have been L. C. Garland, 1875–1893 and J. H. Kirkland, his successor. The government of the university is vested in nineteen trustees, with eleven *ex-officio* members. Admission is by examination. Negroes are excluded. A collegiate curriculum, with courses in the sciences, engineering, mechanical arts, law, medicine, dentistry and pharmacy, lead to degrees of A.B., B.S., B.LL., B.D., B.B., C.E., M.E., Min.Eng., Ph Ch., M Ph., Ph.G., M.D., and D.D.S., besides masters' and doctors' degrees after graduate study. Gymnastics is compulsory as is attendance at chapel, with certain restrictions.

Dues, Scholarships, and Prizes: Tuition is $85 for the year, lasting from September 17 to June 16, with other expenses aggregating $125. Eleven medals are offered for excellence in study, besides ten teaching scholarships, yielding $150 each; ten fellowships of from $200 to $500; nine scholarships, equivalent to tuition, and two prizes of $50 and $100. A loan fund offers loans of $850 a year. In the biblical department a $300 fellowship and two prizes are offered, in the law school two scholarships equivalent to tuition; and in the medical college a Founder's Medal of gold is annually awarded.

Equipment: The university grounds cover eighty acres, including an athletic field. Among the thirty odd buildings the most noteworthy are University Hall, Science Hall, containing museums and laboratories of geology and engineering; Wesley Hall, for the Biblical Department, the Astronomical Observatory, gymnasium, dining-hall, and eight dormitories, with many professors' dwelling houses.

Societies and Publications: The students publish the "Hustler," (a weekly), the "Observer," (a monthly), and the "Comet," (an annual). The literary societies are the Philosophic and Dialectic, which are recognized as supplemental to the university course. In addition to

these there are numberless social, dining, and educational societies besides two Christian Associations, a Missionary Society, Alumni Association and an Athletic Association, with football, baseball, and other athletic teams and clubs. Chapters of the following fraternities have been organized: Φ Δ Θ, K Σ, 1876; Rainbow, 1879, united with Δ T Δ in 1886; K A, 1883, X Φ, 1883; B Θ Π, 1884; Σ N, 1886; Σ A E, 1879; and Δ K E, 1890.

The graduates number 3,000.

Faculty.

James H. Kirkland, A.M., Ph.D., LL.D., Chancellor, Latin.
James M. Safford, M.D., Ph.D., Natural History.
William M. Baskervill, A.M., Ph.D., English.
William J. Vaughn, A.M., LL.D., Astronomy, and Librarian.
William L. Dudley, M.D., Chemistry.
Collins Denny, A.M., B.L., Philosophy.
A. R. Hohlfeld, A.M., Ph.D., Germanic Languages.
Herbert C. Tolman, Ph.D., Greek.
John Daniel, M.A., Physics.
J. T. McGill, B.S., Ph.D., Chemistry.
Frederick W. Moore, Ph.D., History and Economics.
Austin H. Merrill, A.M., Elocution.
Thomas A. Jenkins, Ph.D., Romance Languages.
Wilbur F. Tillett, A.M., D.D., Vice-Chancellor, Systematic Theology.
Gross Alexander, S.T.D., New Testament Greek and Exegesis.
O. E. Brown, A.M., B.D., Biblical and Ecclesiastical History.
J. H. Stevenson, B.A., D.D., Hebrew and Exegesis.
Thomas H. Malone, M.A., Equity Jurisprudence.
R. McPhail Smith, M.A., Common, Statute, and Constitutional Law.
Ed. Baxter, Law of Evidence.
Richard Douglas, M.D., Gynecology.
G. C. Savage, M.D., Diseases of Eye.
Duncan Eve, M.A., M.D., Surgery.
J. A. Witherspoon, M.D., Practice of Medicine.
Thomas Menees, M.D., Obstetrics.
Ross Dunn, M.D., Materia Medica and Therapeutics.
George H. Price, M.D., Physiology.
Owen H. Wilson, B.E., M.D., Anat.
W. M. L. Coplin, M.D., Pathology and Bacteriology.
E. A. Ruddiman, Ph.M., M.D., Materia Medica, etc.
William H. Morgan, M.D., D.D.S., Clinical Dentistry.
Robert R. Freeman, M.D., D.D.S., Mechanical Dentistry.
Thos. A. Atchison, M.D., Materia Med.
D. R. Stubblefield, M.A., M.D. D.D.S., Chemistry.
Ambrose Morrison, M.D., Anatomy and Physiology.
Henry W. Morgan, M.D., D.D.S., Operative Dentistry.
Larkin Smith, M.D., Oral Surgery.
W. H. Schuerman, C.E., Civ. Eng.
Wm. T. Magruder, M.E., Mech. Eng.
Wils Williams, Secretary of Faculty.
Bishop C. B. Galloway, D.D., Lecturer.
W. H. Hollinshead, Ph.G., Chem.
Paul M. Jones, M.S., D.Sc., Nat. Hist.
Calvin S. Brown, M.S., D.Sc., English.
William H. Kirk, Ph.D., Latin.
J. G. Jackson, B.E., Drawing.
J. T. Gwathmey, M.D., Gymnasium.
W. H. Paine, M.D., Obstetrics.
J. W. Clark, B.A., Assistant.
W. C. Branham, M.A., History and Economics.
J. O. Mahoney, B.E., Mathematics.
R. L. Lund, B.E., Engineering.
J. R. Buist, M.D., Nervous Diseases.
W. F. Glenn, M.D., Genito-Urinary Diseases.
G. P. Edwards, M.D., Elec.-Therapeut.
L. M. Woodson, M.D., Dermatology.
Claude Waller, M.S., LL.B., Jurisprudence.
Firman Smith, Dental Jurisprudence.
W. H. Witt, M.A., M.D., Anatomy.
F. W. Dortch, B.A., Chemistry.
R. A. Barr, B.A., M.D., Gynecology.
J. A. Dale, D.D.S., Chief Demonstr'r.
J. M. Bass, M.D., Dental Dept.
J. C. Epler, M.D., Surgery.
Olin West, Ph.G., Chemistry.
J. S. Betts, D.D.S., Oper. Dentistry.

J. W. Crawford, D.D.S., Mech. Dent.
J. H. Mills, M.D., Pathol., Bacteriol.
W. J. Keller, M.D., Gynecology.
J. T. Altman, M.D., Practice.
José M. Benavides, M. D., Eye, Ear.
R. E. Fort, M.D., Physiology.
J. M. Fly, Ph.G., Pharmaceut. Lab.
C. R. Atchison, M.D., Materia Med.
R. M. Anderson, M.D., Anatomy.
W. P. Connell, Pharmacy.
John Ashford, Machine Shop.
P. O'Connor, Wood Shop.
A. L. Fensley, Brass Foundry.
M. R. Wilhite, Iron Foundry.
W. H. Johnson, R. B. Goodwin, Wm. E. Anderson, Chem. Laboratory.
J. T. Meadors, Dental Department.
R. E. Harris, Pharmacy.

VASSAR COLLEGE.

Poughkeepsie, N. Y. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$240,543	558	54	9	23,000

The college was founded in 1861 by Matthew Vassar, and received its charter in the same year. The first buildings were erected during the war. The college was opened in 1865 with 350 students. The presidents have been: Milo P. Jewett, LL.D., 1861–1864; John H. Raymond, LL.D., 1864–1878; Samuel L. Caldwell, D.D., 1878–1885; J. Ryland Kendrick, D.D., acting president, 1885–1886; and James M. Taylor, D.D., 1886 to the present.

Admission, Instruction, Degrees: Applicants for admission must be sixteen years old. The entrance examinations are the same for regular and special students. Required and elective studies are interspersed throughout the curriculum. Attendance at evening prayer and gymnastic exercise is compulsory. The degrees are A.B., A.M., and Ph.D., the last two after graduate study only, and degrees in music are conferred. The expenses for the year, are $400. A fellowship of $400 is annually awarded, besides seven graduate scholarships, equivalent to board and tuition for one year. The funds for scholarship and loans aggregate $184,000.

Equipment: The college grounds cover four hundred acres including a college lake. The total endowment is $1,018,000. The college buildings include the Main Building, containing the offices, class rooms, chapel, parlors, dining-room, rooms for students and officers; Thompson Library, attached to the main building; Observatory; Laboratory of Physics and Chemistry; museum containing the collections of natural history, art galleries, music rooms, mineralogical and biological laboratories; the Alumnæ Gymnasium; the new hall for residence for one hundred students; lodge; residences for professors; conservatory; boiler house; gas house; and farm houses.

Societies: The most important organizations among the students are the Students' Association, Philalethean Society, Dramatic Club, Young Women's Christian Association, and Athletic Association.

The graduates number nearly one thousand, while the non-graduates number three thousand. Of the graduates fifty-four took the doctor's degree.

Faculty.

James M. Taylor, D.D., LL.D., President, Ethics.
Henry Van Ingen, Art.
Le Roy C. Cooley, Ph.D., Physics and Chemistry.
Wm. B. Dwight, A.M., Natural Hist.
Abby Leach, A.M., Greek.
Lucy M. Salmon, A.M., History.
Achsah M. Ely, A.B., Mathematics.
Mary W. Whitney, A.M., Astronomy.
Marcella I. O'Grady, S.B., Biology.
Herbert E. Mills, A.M., Ph.D., Econ.
Jean C. Bracq, A.B., Modern Lang.
John L. Moore, Ph.D., Greek, Latin.
Frances A. Wood, Librarian.
J. Kyland Kendrick, Lady Principal.
Ottilie Herholz, German.
Charles W. Moulton, Ph.D., Chem.
Elizabeth B. Thelberg, M.D., Physiol.
F. C. French, Ph.D., Philosophy.
Elmer E. Wentworth, A.M., English.
George C. Gow, A.B., Music.
Lydia A. Whitney, Music.
Jessie Chapin, Music.
Ella MacCaleb, A.B., Secretary.
Sophia F. Richardson, A.B., Math.
Ella M. Freeman, A.B., Chemistry.
Sophie C. Neef, German.
Harriet I. Ballentine, Gymnastics.
Marguerite Sweet, Ph.D., English.
Helen F. Eppler, French.
Adelaide Underhill, Ref. Librarian.
Antoinette Cornwell, A.B., Assistant Principal.
Grace H. MaCurdy, A.B., Greek.
Susan B. Franklin, Ph.D., Latin.
Lilian W. Johnson, A.B., History.
Bertha M. Brown, S.B., Biol. Lab.
Ruth Gentry, Ph.D., Mathematics.
Isabel N. Tillinghast, Ph.B., English.
Lelia C. Deane, A.B., Biolog. Lab.
James Sauvage, A.R.A.M., Singing.
Sara Crosby, Violin.
Caroline E. Furness, A.B., Assistant in Observatory.
Laura J. Wylie, Ph.D., English.
Frances G. Markham, A.B., Chem.
Laura A. Brownell, A.B., Biol. Lab.
Winifred Ball, A.B., Latin.
Lida S. King, A.M., Classics.
Catherine Warren, A.B., English.
Mrs. Jean C. Bracq, French.
Pauline G. Wiggin, A.M., English.
Mary Dame, English.
May Munroe, Elocution.
Elizabeth E. Bickford, Ph.D., Biol.
Eva G. May, Gymnasium.
Mary E. Cooley, A.B., Physical Lab.

VILLANOVA COLLEGE.

Villanova, Penn. *Men.* *Catholic.*

Income,	Students,	Instructors,	Buildings,	Books,
——	152	9	5	3,500

The college was founded in 1842, and received its charter in 1848. It is controlled and governed by the Augustinian Fathers. Admission is by examination. Instruction is given in classical, scientific, and commercial branches, leading to degrees of A.B., B.S., and A.M. The college year is divided into two terms of five months each, from September 1 to June 20. The expenses are $250 for the whole year. Ten gold medals, with numerous minor medals, are annually distributed for excellence in study and conduct. Among the societies are a Literary Institute, Debating and Dramatic clubs, a Greek Society and an Athletic Association, with a baseball and cricket team.

Faculty.

Very Rev. Laurence A. Delurey, O.S.A., Prest., Latin and Greek.
Rev. Walter A. Coar, O.S.A., Prefect, Chemistry.

Rev. John B. Leonard, O.S.A., Secretary, Latin and Greek.
Rev. Charles J. McFadden, O.S.A., English Grammar.
Rev. James F. McGowan, O.S.A., Belles Lettres.
Rev. Richard A. Gleeson, O.S.A., Rhetoric.
Rev. J. Frederic Medina, O.S.A., American History.
Pierre M. Arnu, A.M., French, Ger.
Denis O'Sullivan, A.M., Higher Math.

WABASH COLLEGE.

Crawfordsville, Ind. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$33,620	256	36	5	34,000

The college was founded in 1832 and received its charter in 183 In the following year a campus of four acres was obtained, and i 1838 the first two students were graduated. The presidents hav been: Elihu Whittlesey Baldwin, D.D., 1834-1840; Charles White D.D., 1841-1861; Joseph Farrand Tuttle, D.D., LL.D., 1862-189 George Stockton Burroughs, Ph.D., LL.D., 1892 to the present. Th school is governed by twenty-one trustees. Admission is by examina tion. The degrees are A.B., B.S., and B.Ph. Attendance at chape is compulsory. The expenses for the year, from the third Tuesday i September to June 17, are $160. Five funds have been establishe from the interest on which loans can be made to deserving students and there are several annual scholarships and fellowships beside five prizes for composition and oratory. The college museum con tains a good collection of natural history.

The students have published a monthly literary journal since 185 and the seniors issue the "Wabash" an annual. Among the societie are the new Calliopean, (a natural history society), Oratorical Associa tion, Y. M. C. A., an Athletic Association, and chapters of Β Θ Π 1845; Φ Δ Θ, 1851; Φ Γ Δ, 1866; Φ Κ Ψ, 1870; Δ Τ Δ, 1872-1879 Θ Δ Χ, 1879-1882; and Σ Χ, 1880. Of the 710 graduates nearly si hundred are living. The oldest is the Hon. John M. Cowan, 184 of Springfield, Mo.

Faculty.

Hugh McM. Kingery, Ph.D., Latin.
Mason B. Thomas, B.S., Biology.
Duane Studley, B.S., Mathematics.
Charles A. Tuttle, Ph.D., History and Sociology.
William O. Emery, Ph.D., Chemistry.
Donaldson Bodine, Sc.D., Geol., Zoöl.
James H. Foster, B.A., Ger., Latin.
Daniel D. Hains, B.A. Physical Culture.
Harry S. Wehding, B.S., Librarian.
James G. Wedding, B.S., Registrar.
George S. Burroughs, D.D., LL.D. President, Biblical Lit., Philosophy
Joseph F. Tuttle, D.D., LL.D., ex President, Philosophy.
John L. Campbell, LL.D., Astron.
Henry Z. McLain, M.A., Greek.
Henry S. Kritz, Ph.D., Greek, English
Arthur B. Milford, M.A., English.
James H. Osborne, M.A., Latin, Math
Robert A. King, M.A., French, Ger.

WAKE FOREST COLLEGE.

Wake Forest, N. C. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$21,000	260	13	4	11,000

The North Carolina Legislature in 1833 granted a charter to the Wake Forest Institute, on the strength of which 615 acres, covered with magnificent oaks were secured. Instruction was begun in 1838. The presidents have been: Rev. Dr. Waite, 1834–1846; William Hooper, 1846–1849; John B. White, D.D., 1849; W. H. Owen, President *pro tem.*, 1852; W. M. Wingate, D.D., 1854; T. H. Pritchard, D.D., 1879; and C. E. Taylor, D.D., 1883.

In 1883, after a long period of depression, lasting since the Civil War, the college endowment reached a total of $100,000, which has since been increased to $200,000.

The trustees number thirty-seven. Admission is by examination. Negroes are excluded by a special provision of the charter. Instruction is given in law as well as in collegiate branches, leading to degrees of A.B., B.LL., and A.M. Attendance at chapel and military drill is compulsory. The college fees are $70, for the year, lasting from August 26 to the last Thursday in May. Other expenses aggregate $100. Six gold medals are annually awarded for excellence in study, and small loans are made from the income of $1,400. The campus covers thirty acres.

The students maintain the Philomathesian and Euzelian, which award medals for debate, a Scientific Society, a Historical and Economic Club, Minstrel Band, Christian Association and Athletic Association. A chapter of K A existed from 1880 to 1890, but Greek letter fraternities are now forbidden. The "Student" is published. Of the 545 graduates, the oldest is the Hon. H. B. Falk, 1849, of Brownsville, Tenn.

Faculty.

Charles E. Taylor, B. Lit., D.D., President, Moral Philosophy.
Wm. B. Royall, M.A., D.D., Greek.
Luther R. Mills, M.A., Pure Math.
William L. Poteat, M.A., Biology.
Benjamin F. Sledd, M.A., English.
Charles E. Brewer, M.A., Chemistry.
John F. Lanneau, M.A., Physics.
John B. Carlyle, M.A., Latin.
Needham Y. Gulley, M.A., B.L., Political Science.
J. Hendren Gorrell, M.A., Ph.D., Modern Languages.
William J. Ferrell, B.A., Mathematics.
Robert W. Haywood, M.A., Greek and Latin.
John C. McNeill, English.
Thomas H. Briggs, Physical Culture.
J. Conrad Watkins, Chemistry.
Robert N. Simms, Biology.
Charles M. Staley, Librarian.
William J. Beale, Reading Room.

WASHBURN COLLEGE.

Topeka, Kan. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	200	14	6	6,500

The college was established in 1865 on a site of 660 acres. It is governed by eighteen trustees. Candidates for admission are examined in French, German and chemistry. Otherwise a certificate from recognized schools suffices. Elective courses begin with the second year. Degrees of A.B. and B.S. are conferred. Attendance at chapel is compulsory. The expenses for the year, from September 12 to June 16, are $125. Seven prizes of from $10 to $25 are awarded for debate and oratory, and a medal for the best essay on the American Revolution.

The students maintain the Gamma Sigma and Washburn literary societies for men and the Panthygaterian for women, a Washburn Club, two Christian Associations, an Alumni Association, and a base-ball team.

Faculty.

Peter McVicar, A.M., D.D., President, Psychology.
Joseph T. Lovewell, Ph.D., Physics.
Luther D. Whittemore, A.M., Librarian, Latin.
Frederick W. Ellis, A.B., Greek.
C. D. Greeley, A.M., B.D., Philos.
William A. Harshbarger, B.S., Math.
Almond E. Palmer, A.M., Rhetoric.
Bertha E. Lovewell, B. Lit., History and English Literature.
G. P. Grimsley, Ph.D., Natural Hist.
Anna H. Adams, Ph.B., French, Ger.
Matthew H. Frank, A.M., Latin and Greek.
Myron W. Axtell, A.B., Astronomy.
Helen R. Ingalls, Pianoforte.
Florence Townsley, Vocal Music.

WASHINGTON AND JEFFERSON COLLEGE.

Washington, Penn. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$28,000	300	13	3	12,000

Ten years after Western Pennsylvania was first colonized an effort was made to found a college. Instruction at the older school was finally begun in 1802. Two colleges bearing the names of Washington and Jefferson were maintained until 1865, when a gift of $50,000 led to their amalgamation, and their location at Washington in 1869. The joint institution is governed by thirty-one trustees.

Admission is by examination and on certificate. The studies are classical, Latin-scientific and scientific, with elective studies in the last two years, leading to degrees of A.B., B.S., and A.M., the last after graduate study. The expenses for the year, lasting from September 11 to June 17, are $165. The students maintain two literary societies: the Franklin and Washington, and the Philo-Union, owning two halls, a Christian Association and an Athletic Association,

with baseball and track teams. Chapters have been organized of: Φ B K, B Θ Π, 1842; Φ Γ Δ, 1848; Φ K Ψ, 1852, Φ K Σ, 1854; Σ X, (Jefferson) 1858–1870, (Washington), 1859–1863; Δ K E, 1858–1865; Δ Υ, 1858–1870; Δ T Δ, 1861; Θ Δ X, 1869–1872; Φ Δ Θ, 1875; and A T Ω, 1882.

Of the 3,700 graduates, some 2,000 are living. The oldest is the Rev. John L. Hawkins, 1818, of Fort Scott, Kansas.

Faculty.

Rev. James D. Moffat, D.D., President, Metaphysics.
Alonzo Linn, LL.D., Greek.
Rev. Henry Woods, D.D., Secretary, Latin.
J. S. Simonton, A.M., French.
D. J. McAdam, A.M., Mathematics.
Edwin Linton, Ph.D., Agriculture.
J. F. Ray, M.S., Chemistry.
Wm. C. McClelland, A.M., Librarian, English.
J. Adolph Schmitz, A.M., German.
George B. McCutchen, A.M., Math.
L. K. Baker, A.B., M.D., Gym.
Rev. James H. Snowden, A.M., Political Economy.
Robert S. Calder, A.B., Languages.
Robert M. Curry, B.S., Mathematics.

WASHINGTON AND LEE UNIVERSITY.

Lexington, Va. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$50,000	216	17	18	20,000

History: Washington Academy was chartered in 1782, as the successor of three academies, the oldest of which, Liberty Hall, dated from 1743. George Washington in 1798 endowed it with one hundred shares in the James River Company, the proceeds of which, some $50,000, now yield six per cent. In 1804 buildings were erected on the present site of seventy-five acres. General Robert E. Lee of Confederate war fame was elected president in 1865, and after his death and burial in the college chapel in 1870, the university took its present name. He was succeeded by his son, Gen. George Washington Custis Lee, the present incumbent. Other contributors besides George Washington have been: George Peabody, W. W. Corcoran, Thomas A. Scott, and Cyrus H. McCormick.

Organization, Scholarships, Degrees: The university is governed by fifteen trustees and one associate, and comprises an academic, engineering, and law department. No formal entrance examinations are held. The degrees are A.B., B.S., C.E., E.E., Min.Eng., B.LL., and Ph.D. Attendance at chapel and military drill are not required. Tuition is $80 for the year, lasting from September 10 to June 16. Other expenses aggregate $100. A fellowship of $500 a year is offered for special research, with nine university scholarships, equivalent to tuition and living expenses, forty alumni and six endowed scholarships, equivalent to tuition, and eight prize medals for commencement speeches.

Societies: The students maintain the Graham-Lee (dating from 1809), and the Washington Society (dating from 1812), with a Chris-

tian Association, and an Athletic Association. Chapters of the following fraternities have been organized: Φ K Ψ, 1855; B Θ Π, 1856–1880; A T Ω, K A, 1865; Σ X, 1866; Σ A E, 1867–1886; Δ K E, 1867–1878; Φ Γ Δ, 1868–1878; Δ Ψ, 1869–1888; Θ Δ X, 1869–1874; K Σ, 1873; X Φ, 1872–1878; Σ N, 1882; Φ Δ Θ, 1887; Π K A; Φ K Σ; and Θ N E.

Faculty.

Geo. Washington Custis Lee, LL.D., President.
Alexander Lockhart Nelson, M.A., Mathematics.
Chas. A. Graves, M.A., LL.D., Law.
Sidney T. Moreland, M.A., C.E., Natural Philosophy.
James A. Quarles, D.D., LL.D., Ethics.
Henry D. Campbell, M.A., Ph.D., Geology and Biology.
John R. Tucker, LL.D., Equity.
David C. Humphreys, C.E., Applied Mathematics.
Henry A. White, M.A., Ph.D., D.D., History.
Addison Hogue, Greek.
Edwin W. Fay, M.A., Ph.D., Latin.
James L. Howe, Ph.D., M.D., Chem.
Harry W. Pratt, M.A., Mathematics.
Samuel G. Anspach, A.B., Latin.
Thomas J. Farrar, A.B., French.
Hugh M. McIlhany, Jr., A.B., German.
Carrington C. Tutwiler, Chemical Laboratory.
J. L. Campbell, B.L., Clerk of Faculty.
Annie R. White, Librarian.
Daniel P. Young, Law Librarian.

WASHINGTON COLLEGE.

Chestertown, Md. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$8,000	185	7	5	3,000

The college was established by an act of the state legislature in 1782, as a part of the proposed University of Maryland. General Washington consented to the assumption of his name, contributed to its endowment, and visited it in 1784. Its immediate predecessor was an academy dating from 1723, into which the Free School of Charlestown had been merged. The original college, built in 1783, was destroyed by fire in 1827, and lectures were given in private houses of the town until the present central building was erected in 1844. No degrees were conferred from 1827 to 1849.

The college is governed by twenty-three trustees. Students are admitted from public schools, and are allowed to make up deficiency in Greek after entrance. Two parallel courses in the classics and the sciences lead to the degree of A.B. The master's degree is conferred after one year of resident graduate study. Attendance at chapel is compulsory. The expenses for the year, lasting from September 16 to June 16, are $180. One woman from each county on the eastern shore of Maryland is entitled to a scholarship equivalent to tuition, and general scholarships are annually awarded to two students from each county throughout the State. Five prizes are annually distributed for excellence in study.

The students maintain the Mount Vernon Society (dating from 1847), the Philomathean (of recent origin), and the Pieria for women, with Christian and Athletic organizations. Secret societies are for-

bidden. Of 160 graduates since 1849, 135 are living. The oldest of these is Eben E. Perkins, 1849, of Chestertown, Md.

Faculty.

C. W. Reid, Ph.D., Principal, Ethics.
J. R. Micou, A.M., Latin.
J. I. Stephens, B.S., A.M., Natural Sciences.
J. S. W. Jones, A.M., Mathematics.
E. J. Clarke, A.M., English, etc.
Caroline Pettigrew, German, French.
A. B. Burris, Gymnasium.
J. I. Stephens, A.M., Librarian.

WASHINGTON COLLEGE.

Washington College, Tenn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$3,600	197	10	4	2,000

History: This school was founded as Martin Academy under a charter from North Carolina in 1783, thirteen years before Tennessee became a state. It was the first institution of higher learning in the Mississippi Valley. The founder, who had charge of the school for thirty-five years after his graduation from Princeton College under Witherspoon, was the Rev. Samuel Doak. The college was chartered and took its present name in 1795. Its hundredth anniversary was celebrated two years ago, on its reopening after two suspensions of many years. The presidents have been: Dr. Samuel Doak, 1783–1818; Rev. John W. Doak, M.D., 1818–1820; Rev. John V. Bovell, 1820–1828; Rev. James McLin, 1829–1838; Dr. S. Doak (second term), 1838–1840; Joseph I. Foote, 1840 (killed on his way to inauguration); Rev. Archibald A. Doak, 1840–1850; Rev. E. T. Baird, 1850–1852; Rev. A. A. Doak (second term), 1852–1856. Suspended until 1868, when it was reorganized as a female college, under Rev. W. B. Rankin. After second suspension Rev. J. E. Alexander took charge and re-organized it as a co-educational school. He was succeeded in 1883 by J. W. C. Willoughby, the predecessor of the present incumbent.

Organization: The trustees number twenty-one. Admission is by examination or on the certificates of certain incorporated high schools. Three courses of study offering elective courses during the last year, lead to degrees of A.B., B.S., and B.L. The expenses for the year, lasting from August 25 to May 6, are $100. Attendance at chapel is compulsory.

The students maintain the Utopian and Phionomian societies (for women), the Calliopean and Philadelphian (for men), with Christian and Athletic Associations. A chapter of Φ Γ Δ was maintained in 1852 but lasted only one year.

Faculty.

Rev. James Thomas Cooter, A.M., President, Greek and Philosophy.
I. Allison Gaines, A.B., Math., Latin.
Mattie M. Rankin, B.L., English.
Cyrus B. Armentrout, A.B., Preparatory Department.
Martha V. Evans, Primary Dept.
Bettie Powell, Music.

WASHINGTON UNIVERSITY.

St. Louis, Mo. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$165,000	1,752	175	10	5,000

Washington University was founded by Dr. William G. Eliot in 1853, and was opened by Edward Everett in 1857. An academy had been in operation for three years previous to this. The college dates from 1859, the Law School from 1862, the Polytechnic and Engineering School from 1870, the Art and Training School from 1879, the School of Botany from 1885, the Medical College, founded in 1842, became part of the university in 1891, while the Dental College dates from 1892. Under the same charter have also been organized: Smith Academy, St. Mary Institute, and the Normal School. The university recently purchased a lot of ground, four and a half miles further west, on the edge of the city. The chancellors have been: Joseph G. Hoyt, LL.D., 1859–1862; William Chauvenet, LL.D., 1862–1868; Dr. William G. Eliot, 1868–1887. The chancellorship was vacant until 1891 when Winfield S. Chaplin, the present incumbent was elected. The university is governed by seventeen directors, and nine associates to the board.

Admission, Instruction, Degrees: Admission is by examination only. Four of the required subjects at least must be taken at the first examination, but the other requirements may be passed in the course of one or two years. After the sophomore year all studies are elective. Attendance at chapel is not compulsory. Military drill is required only in the preparatory department. The degrees are A.B., B.S., in the collegiate course; C.E., M.E., E.E., Min.Eng., M.S., and A.M. after one year of graduate study; LL.D., M.D., D.M.D., and Ph.D. after further professional and graduate study.

Dues, Scholarships, and Prizes: Tuition is $150 for the year, lasting from September 18 to June 18. The total expenses range from $375 to $500. One perpetual scholarship, on the income of $5,000, has been placed at the disposal of the Mercantile Library Association of St. Louis. Three further scholarships, equivalent to tuition in the Engineering School, are held by the school boards of the City High School and of Kansas. Twenty scholarships, also equivalent to tuition, are available for children of Union soldiers. A fund of $10,000 has been established to aid deserving students, and four prizes, from $10 to $15, for declamation are annually awarded. Other scholarships and fellowships, as well as prizes, are awarded in the professional schools.

Societies and Publications: The students publish "Student Life," and maintain numerous social, literary, professional, religious, and athletic organizations, and among them chapters of Φ Δ Θ and Σ A E. Extinct chapters are B Θ Π, 1869–1879, and Φ Δ Φ, 1882. The graduates number more than 3,100.

Faculty.

Winfield S. Chaplin, LL.D., Chancellor.
Sylvester Waterhouse, Ph.D., LL.D., Greek.
Calvin M. Woodward, A.B., Ph.D., Mathematics.
George E. Jackson, A.M., Latin.
Marshall S. Snow, A.M., History.
Francis E. Nipher, A.M., Physics.
Halsey C. Ives, Fine Arts.
G. A. Finkelnburg, A.M., Constitutional Limitations.
Edmund A. Engler, A.M., Ph.D., Math. and Descriptive Geometry.
Henry S. Pritchett, A.M., Ph.D., Mathematics and Astronomy.
John B. Johnson, C.E., Civ. Engin.
John Fiske, LL.D., Litt.D., American History.
William Trelease, S.D., Botany.
Joseph W. Fairbanks, Ph.D., Principal Smith Academy.
Amos M. Thayer, LL.D., Contracts and Commercial Law.
John B. Johnson, M.D., Principles of Medicine.
Elisha H. Gregory, M.D., LL.D., Surgery.
Gustav Baumgarten, M.D., Practice of Medicine.
Henry H. Mudd, M.D., Special Fractures and Dislocations.
Washington E. Fischel, M.D., Clinical Medicine.
Robert Luedeking, M.D., Children's Diseases.
John Green, M.D., Ophthalmology.
James M. Scott, M.D., Obstetrics.
John P. Bryson, M.D., Genito-Urinary Surgery.
Frank R. Fry, M.D., Nervous System.
Henry Schwarz, M.D., Gynecology.
Frank M. Glasgow, M.D., Clinical Gynecology.
Harvey G. Mudd, M.D., Osteology.
Paul Y. Tupper, M.D., Descript. Anat.
Edgar M. Senseney, M.D., Therapeut.
Albert H. Fuller, M.D., D.D.S., Operative Dentistry.
Edmund H. Sears, A.B., Principal Mary Institute.
Chas. R. Sanger, A.M., Ph.D., Chem.
James M. Dixon, M.A., F.R.S.E., English.
Otto Heller, German.
John H. Kinealy, D.E., Mech. Engin.
William S. Curtis, A.B., LL.B., Dean of Law School.
Wm. F. Hancock, U.S.A., Mil. Science.
Norman B. Carson, M.D., Clin. Surg.
Elisha M. Gregory, Jr., M.D., Practical Anatomy.
Elsworth S. Smith, M.D., Phys. Diag.
Amand N. Ravold, M.D., Hygiene.
Lewis L. McCabe, M.D., Clin. Med.
Jules F. Vallé, M.D., Obstetrics.
John C. Falk, M.D., Materia Medica.
Greenfield Sluder, M.D., Clin. Med.
Allerton S. Cushman, B.S., Chemistry.
Henri Dumay, B. de l'E., S.S., French.
Charles F. Von Saltza, Fine Arts.
Charles P. Johnson, A.M., LL.B., Criminal Law.
Frederic N. Judson, A.M., LL.B., Evidence.
I. H. Lionberger, A.M., Limitations.
Lee Sale, LL.B., Agency, Partnership.
Frank B. Gallivan, A.M., Chemistry.
Henry R. Hatfield, A.B., Polit. Econ.
Roderick E. Rombauer, Equity and Real Property Law.
Joseph Grindon, M.D., Dermatology.
Henry Hodgen, M.D., Orthop. Surgery.
John B. Shapleigh, M.D., Otology.
Orion W. Bedell, M.D., D.M.D., Mechanical Dentistry.
Gustav Hambach, M.D., Geology.
Henry A. Hunicke, E.M., Chemistry.
Sidney P. Budgett, M.D., Physiology and Histology.
William N. Beggs, M.D., Pathology.
August H. Muegge, Gymnastics.
Robert Bringhurst, Fine Arts.
Holmes Smith, Drawing.
Charles Nagel, LL.B., Corporations.
Edward C. Eliot, A.M., LL.B., Sales and Bailments.
Pendleton T. Bryan, LL.B., Law of Torts and Negligence.
Edward P. Perry, Elocution.
Edward M. Campbell, Fine Arts.
Orville L. Simmons Cryptogamic Bot.
William H. Boehm, B.S., M.M.E., Mechanical Engineering.
John L. Van Ornum, C.E., Civ. Eng.
Carl Kinsley, A.B., M.E., Physics.
Edmund H. Wuerpel, Fine Arts.
Edwin C. Burnett, M.D., Syphilis.
Vilray P. Blair, M.D., Anatomy.
J. B. Kimbrough, D.M.D., Dental Infirmary.
C. O. Bishop, Criminal Law.

F. A. Wislizenus, A.B., LL.B., Law of Administration.
P. F. Coste, A.B., LL.B., Evidence.
Jacob Klein, Extraord. Legal Remedies.
J. O. Broadhead, LL.D., International Law.
C. C. Allen, LL.B., Med. Jurisprud.
C. P. Davis, Fine Arts.
W. H. Rush, S.B., A.M., Botany.
J. G. Harper, D.D.S., Mech. Dentistry.
H. W. Soper, M.D., H. L. Nietert, M.D., Anatomy.
W. J. Lark, Mechanical Dentistry.
J. W. Marsh, Operative Dentistry.

WELLESLEY COLLEGE.

Wellesley, Mass. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$222,950	788	73	12	46,000

Wellesley College, founded by Henry F. Durant, was established in 1875 to give university instruction to women. The presidents have been: Alice E. Freeman, 1882-1887; Helen A. Shafer, 1888–1894; and Julia J. Irvine, since 1895.

The college is governed by seventeen trustees, and includes an academic and art department with a school of music. The four years' curriculum is prescribed. Degrees of A.B., and B.Mus. are conferred, and a diploma is given for studies in art. The degree of A.M. is conferred after one year of resident graduate study. Attendance at chapel and gymnastic exercise is compulsory. The expenses for the year, lasting from the middle of September to June 24, are $400. Fifty scholarships are annually available, forty of which are on the income of $5,000 each. The tuition fee of $150 is remitted to all graduate students, and smaller sums are distributed by the Students' Aid Society in cases of need. In all $7,563 is thus annually disbursed.

Equipment: The college grounds, which include a lake, cover three hundred acres, and are ten miles from Boston and Harvard University. The main hall contains a chapel with handsome windows, and a library of rare volumes. A new building for chemistry has recently been erected, containing physical, chemical, biological and geological laboratories. The Farnsworth Art Building, which was erected in 1889, contains an art gallery besides lecture-rooms, drawing-rooms, and studios.

Societies and Publications: The students publish the "Wellesley Magazine" and "Legenda" (a senior annual). The societies are: the Beethoven Society, the Shakespeare Society, formed in 1876, the Phi Sigma and Zeta Alpha, Tau Zeta Epsilon, Agora, the object of which is to promote an intelligent interest in political questions, and the Classical Society, besides a glee club and class crews. Of some 1,200 graduates, 1,175 are still alive.

Faculty.

Julia Josephine Irvine, M.A., Litt.D., President, Greek.
Margaret E. Stratton, M.A., English.
Susan M. Hallowell, M.A., Botany.
Elizabeth H. Denio, German and History of Art.
Frances E. Lord, Latin.
Sarah F. Whiting, Physics, Astron.

Anne E. Morgan, M.A., Philosophy.
Mary A. Willcox, Zoölogy.
Katharine Coman, Ph.B., History and Political Economy.
Mary A. Currier, Elocution.
Carla Wenckebach, German.
Angie C. Chapin, M.A., Greek.
Ellen Hayes, B.A., Mathematics.
Helen L. Webster, Ph.D., Comparative Philology.
William H. Niles, M.A., Geology.
Katherine L. Bates, M.A., English Literature.
Charlotte F. Roberts, Ph.D., Chem.
Clara E. Cummings, Cryptogam. Bot.
Eva Chandler, B.A., Mathematics.
Mary S. Case, B.A., Psychology.
Ellen L. Burrell, B.A., Mathematics.
Vida D. Scudder, M. A., English Lit.
Elizabeth K. Kendall, LL.B., History.
Annie S. Montague, M.A., Greek.
Mary W. Calkins, M.A., Psychology.
Anne R. Pugh, M.A., Romance Lang.
Katharine M. Edwards, Ph.D., Greek.
Sophie C. Hart, B.A., Rhetoric.
Lucia F. Clarke, Bible.
Grace E. Cooley, Ph.D., Botany.
Maude Gilchrist, Botany.
Ellen F. Pendleton, M.A., Math.
Adeline B. Hawes, B.A., Latin.
Margarethe Müller, German.
Sophie Jewett, English Literature.
Margaret P. Sherwood, B.A., English Literature.
Elsbeth Müller, German.
Charlotte A. Bragg, B.S., Chemistry.
Margaret H. Jackson, Italian, Greek Sculpture.
Louise C. M. Habermeyer, German.
Ella G. Willcox, M.A., Rhetoric.
Margaret C. Ferguson, Botany.
Mabel A. Chase, M.A., Physics.
Ethel Paton, B.A., History of Art.
Eliza Ritchie, Ph.D., Philosophy.
Helen A. Merrill, B.A., Mathematics.
Anna Beinhorn, German.
Edith J. Claypole, M.S., Zoölogy.
Elizabeth F. Fisher, Geol., Mineral.
Mary Eastman, B.A., English Lit.
Marion E. Hubbard, B.S., Zoölogy.
Margaretha E. Mitzlaff, German.
Eleanor B. Eaton, Rhetoric.
Hélène A. Schaeys, French.
Eleanor E. Tebbetts, Ph.D., Latin.
Hélène J. Roth, French.
Mary E. Woolley, M.A., Hebrew and Old Testament.
Edward S. Drown, B.A., B.D., New Testament.
Charles L. Young, B.A., Rhetoric.
Ernest F. Henderson, Ph.D., History.
Evelyn B. Sherrard, B.A., History.
Caroline R. Fletcher, B.A., Latin.
Emma H. Parker, B.S., Chemistry.
Florence A. Wood, Mathematics.
Guy S. Callender, M.A., Economics.
Mary M. Fuller, Chem. Laboratories.
Harriet A. Walker, Bot. Laboratories.
Mary C. Wiggin, B.A., Chem. Lab.
Albert P. Morse, Curator Zoöl. Mus.
Harriet Hawes, Librarian Emeritus.
Lydia B. Godfrey, Ph.B., Bibliography.
Carrie F. Pierce, B.A., Ref. Librarian.
Emilie J. Barker, M.D., Resident Physician.
Jeanie E. Whitmore, Health Officer.
Lucile E. Hill, Physical Training.
Harriet N. Randall, Gymnasium.
Mary E. Gorham, B.A., Secretary.
Mary Caswell, President's Secretary.
Catherine A. Ransom, Cashier.
Abby C. Jackson, Assist. Cashier.
Caroline B. Butler, General Office.
Anna S. Newman, Norumbega Cottage.
Louise A. Dennison, Freeman Cottage.
Mary G. Nias, Domestic Department.

SCHOOL OF MUSIC.

Junius W. Hill, Director.
Frank E. Morse, Singing.
Emily J. Hurd, Piano.
George W. Bemis, Guitar.
Estelle T. Andrews, Piano.
Marietta S. Raymond, Violin.
Isabelle M. Kimball, Piano.
Emma S. Howe, Singing.
Willia T. Stovall, Piano, Harmony.
Mary A. Stowell, Piano.

WELLS COLLEGE.

Aurora, N. Y. *Women.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$40,243	80	21	2	6,000

History and Organization: Wells Seminary was incorporated in 1868, changing its name to the present in 1870. The first building fully equipped and surrounded by twenty acres was given by Henry Wells. In 1888 this building was destroyed by fire. Edwin B. Morgan, in 1873, gave $200,000 more and in 1875 Mr. Wells added twelve acres and another building. In 1879 Mrs. Morgan gave Morgan Hall. The preparatory department was abolished in 1894. After 1875 the Rev. Edward S. Frisbie was president until recently. The trustees number seventeen.

Admission, Instruction, Degree: Admission is by examination and on Regents' certificates. Elective courses are interspersed throughout the curriculum. Attendance at chapel and gymnastic exercise is compulsory. The degree of A.B. is conferred. The expenses for the year, lasting from September 18 to June 10, are $400, and special diploma fees are charged. Graduate students pay $300 a year. A limited number of scholarships are offered, yielding sums from $30 to $100.

Equipment: The college grounds cover twenty acres and include a lake. A new building has been erected in the place of the one that was burnt. This is the main hall, containing a chapel, lecture rooms and the society halls. Morgan Hall contains all laboratories, and the musical conservatory.

Societies: The students maintain the Phoenix Literary Society, a Social Science Club, College Settlements, a Mission Band, Christian Association, Guild, Athletic Association and a Boat Club.

Faculty.

Wm. E. Waters, Ph.D., Pres., Greek.
Helen F. Smith, L.H.D., Dean.
Marie Jeanneret, French.
Mary E. Case, A.M., Latin.
Annie A. Wood, Librarian, Art.
Elise Piutti, German.
Annie L. MacKinnon, Mathematics.
Jasper W. Freley, M.S., Registrar, Physics and Geology.
Mrs. Max Piutti, A.B., Gymnasium.
Jane S. Watson, History.
Katherine Keeler, B.L., English.
Clara A. Bliss, Chemistry, Biology.
Edith A. Ellis, Piano.
Florence Blanvolt, Vocal Music.
Edward Fulton, Ph.D., English.
Emil K. Winkler, Music.
Margaret F. Washburn, Ph.D., Psychology and Ethics.
Rev. Dean A. Walker, Ph.D., Bible and Sociology.
Minnie P. Kingsbury, Latin.
Lucy P. Wilkison, Chemistry.
Florence L. Cross, Preceptress.

WESLEYAN UNIVERSITY.

Middletown, Conn. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$90,451	300	33	10	43,000

History and Organization: Wesleyan, founded in 1831, is the oldest college supported by the Methodist Church. It was founded for the purpose of providing an educated ministry, but the increasing demands of other professions has reduced the number of graduates entering the ministry to seventeen per cent.

The college is governed by fifty-three trustees. A conference committee of four members of the faculty and ten students has charge of all disciplinary matters. Admission is by examination. Three courses: the classical, Latin-scientific, and scientific, with elective courses in all but the first year, lead to degrees of A.B., B.S., and B.Ph., with A.M., and M.S. after graduate study. Thirteen of the fifteen departments give graduate instruction. Attendance at chapel is compulsory.

Dues, Scholarships, and Prizes: Tuition is $75 for the year, lasting from September 26 to June 24. Other expenses including library, laboratory, and diploma fees, aggregate $150. Besides a limited number of scholarships equivalent to tuition, there are three $100 scholarships, with twenty-three prizes. In addition to this a fund of $12,000 a year has been established for the aid of deserving students.

Equipment: The college grounds cover fourteen acres. Among the ten college halls, the most notable is old North College, dating from the foundation of the college. In the rear of the campus are two athletic fields and the Fayerweather Gymnasium, which is claimed to be the best in New England. The astronomical observatory contains a twelve-inch telescope. The museum contains good collections of natural history and ethnography, with 150,000 specimens, 90,000 of which are molluscs and shells, with 10,000 plants and 5,000 coins. The total endowment of the college exceeds one million dollars.

Societies and Publications: The students publish the "Argus," "Lit," and the "Ollapod," and maintain eight class literary societies, Oratorical Society, Christian Association, Glee and Mandolin Club, Athletic Association, with football, baseball, and track teams, and chapters of the following fraternities, most of which have chapter houses: Φ B Φ, 1836; Mystical Seven, 1837–1865, united with B Θ Π, 1889; Φ N Θ, 1837; Ψ Υ, 1843; X Ψ, 1844; Δ Υ, 1850–1852; Θ Δ X, 1857–1863; Δ K E, 1867, and K A Θ, 1883–1885.

Faculty.

Rev. Bradford H. P. Raymond, B.D., LL.D., President, Philosophy.
J. M. Van Vleck, LL.D., Astronomy.
J. C. Van Benschoten, LL.D., Greek.
Ralph G. Hibbard, M.A., Elocution.
Wm. N. Rice, Ph.D., LL.D., Geol.
W. O. Apwater, Ph.D., Chemistry.
C. T. Winchester, L.H.D., English.

M. B. Crawford, M.A., Physics.
Herbert W. Conn, Ph.D., Biology.
Elmer T. Merrill, M.A., Latin Language and Literature.
Rev. Andrew C. Armstrong, Jr., M.A., Philosophy.
Wm. E. Mead, Ph.D., English Lang.
Wm. J. James, M.A., Librarian.
Frank W. Nicolson, M.A., Sec., Latin.
James M. Paton, Ph.D., Greek.
Walter P. Bradley, Ph.D., Chemistry.
Edward B. Van Vleck, Ph.D., Math.
L. O. Kuhns, M.A., Romance Lang.
Wm. S. Eichelberger, Ph.D., Mathematics and Astronomy.
Edward B. Rosa Ph.D., Physics.
Chas. F. Langworthy, Ph.D., Chem.
Willard C. Fisher, B.A., Social Science.
Arthur W. James, Ph.D., German.
Alfred P. Dennis, Ph.D., History.
Wm. J. Shaw, M.A., Philosophy.
S. W. Loper, M.A., Museum Curator.
E. R. Sturtevant, B.S., Chemistry.
Arthur W. Smith, M.S., Physics.
Chas. S. Aldrich, B.A., Gymnasium.
Wm. M. Esten, B.S., Biology.
Rupert H. Hopkins, B.S., Physics.
Edward F. Coffin, B.A., Assist. Sec.
E. K. Smith, B.A., Assist. Librarian.
Olin S. Blakeslee, Mechanician.

WESTERN COLLEGE.

Toledo, Iowa. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
$11,000	275	10	4	3,000

History: The first steps towards founding Western College were taken by the Iowa Annual Conference of the church of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the state in the following month. The college was moved to Toledo in 1881, and the new building was occupied in 1883. On Christmas night of 1889, the main college building, with all its contents, except the library, burned to the ground. This building has since been replaced by another. The presidents have been: Rev. Solomon Weaver, 1856–1864; Rev. William Davis, 1864–1865; W. M. Bartlett, A.B., 1865–1867; H. R. Page, (fall term), E. C. Ebersole, A.M., 1867–1868; E. B. Kephart, A.M., D.D., 1868–1881; W. M. Bearashear, A.M., D.D., 1881–1889; J. S. Mills, Ph.D., D.D., 1889–1892; A. M. Beal, A.M., D.D., 1892–1893; G. A. Funkhouser, D.D., 1893–1894; Lewis Bookwalter, A.M., D.D., 1894 to the present.

Organization: The college is governed by a corporation of twenty-four members, three of whom are alumni, while the others are divided among six different conferences. Admission is on certificate and by examination. Three courses lead to degrees of B.A., B.Ph., and B.S., with master's degrees after one year of resident graduate study. Attendance at chapel is compulsory. The expenses for the year, lasting from September 16 to June 17, are $125.

College Adjuncts: The college grounds cover thirteen acres, comprising a large church and gymnasium with athletic field. The societies are the Philophronean, Alphanean, Young Men's Institute, Cyclomathean, Athenæum and Calliopean, the last two of which are for women, with two Christian Associations and an Athletic Associa-

tion with baseball and football teams. The graduates number 200, of whom the oldest is the Rev. W. T. Jackson, 1864, of Emmetsburg, Iowa. The College "Era" is published.

Faculty.

Lewis Bookwalter, A.M., D.D., President, Philosophy.
M. F. Warren, A.M., Mathematics.
A. G. Leonard, A.M., Nat. Science.
E. L. Colebeck, A.M., Latin, Greek.
Maud Fulkerson, A.M., Mod. Lang.
Benj. F. McClelland, A.M., English Literature.
R. E. Bower, Ph.B., Mathematics.
W. I. Beatty, A.M., D.D., Biblical History.
August Halling, Music.
Anna Richards, Elocution.
Flora Wonser, Drawing and Painting.
E. U. Logan, M.Acc's., Commerce.
J. H. Stair, Shorthand.
Arthur Ward, Gymnasium.
D. D. Zilm, Librarian.

WESTERN MARYLAND COLLEGE.

Westminster, Md. *Co-Educational.* *Methodist.*

Income,	Students, 260	Instructors, 17	Buildings, 7	Books, 2,000

The college was founded in 1867, on a site one thousand feet above tide water. It is governed by thirty-three trustees. Though the school has been co-educational from its beginning, the two departments for men and women are kept strictly separate. Admission is by examination. One course of four years leads to the degree of B.A., with that of M.A., after three further years of graduate study. The expenses for the year, from the second Monday in September to the third Thursday in June, are $200. Scholarships covering all expenses are available for one student from each senatorial district of the state.

The principal building, commanding a picturesque view, has front and flanking towers with covered porches running along its entire length. The literary societies are the Irving and Webster (for men), and the Browning and Philomathean (for women). Two Christian Associations and an Athletic Association are also maintained. Of the 315 graduates since 1871, the oldest is Wm. S. Crowe, 1871, of St. Michaeles, Md.

Faculty.

Thomas H. Lewis, A.M., D.D., President, Philosophy.
Susan W. Ferris, English Literature.
J. T. Ward, D.D., Philosophy.
Rev. J. W. Reese, A.M., Ph.D., Ancient Languages.
W. R. McDaniel, A.M., Astronomy.
Rev. Shadrach Simpson, A.M., Natural Sciences.
G. W. Ward, A.M., History.
W. M. Black, A.M., Latin and Greek.
Rowland Watts, A.M., Mathematics.
Elizabeth I. Reese, A.B., French and German.

WESTERN RESERVE UNIVERSITY.

Cleveland, Ohio. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$120,000	920	110	15	50,000

History: The university was founded in 1826 as the Western Reserve College at Hudson, Ohio, and was moved to Cleveland in 1882 after Amasy Stone's gift of $600,000. The Medical School was established in 1843; the College for Women in 1888, opening in 1892, in which year the Dental, Law, and Graduate Schools were likewise added. The Preparatory School has remained in the old college buildings at Hudson. The presidents have been: the Revs. Charles Backus Storrs, 1830–1833; George Edmond Pierce, D.D., 1834–1855; Henry Lawrence Hitchcock, 1855–1871; Carroll Cutler, D.D., 1871–1886; Hiram Collins Haydn, D.D., LL.D., 1887–1890; Charles Franklin Thwing, D.D., LL.D., 1890 to the present time.

Organization: The university is governed by thirty trustees, and comprises Adelbert College, the College for Women, Graduate School, Medical and Dental College with a Law School and Preparatory Department, each with its separate faculty and equipment.

Admission, Instruction, Degrees: Admission is by examination and on the certificates of approved high schools. Elective courses are offered in the last two years. The degrees of Adelbert College and the College for Women are B.A., B.L., and B.Ph., with masters' degrees after one year of resident graduate study. The degrees of the other schools are B.LL., M.D., and D.D.S. The degree of Ph.D. is conferred after a prescribed course of graduate study and a thesis. Attendance at chapel is compulsory, but not so gymnastic or military drill.

Dues, Scholarships and Prizes: The total annual charge for tuition for men and women is $75. Other expenses for the year, lasting from the Thursday after September 18 to the Wednesday after June 17, are $250. One annual prize of $50 is offered to sophomores for excellence in study, and five similar prizes, ranging from $20 to $30 are open to freshmen. Two prizes of $30 and $60 are offered for the best philosophical essays, and the income of $2,000 for general excellence, and that of $1,000 for research in American History, as well as a loan fund for deserving students.

Societies and Publications: The students issue the "Reserve" "Amulet" "Transcript" "Occidentalian" and "Folio," the last of which is published by women. Among the societies are a Debating, French, Greek, Dramatic and Present Day Club, several literary societies, two Christian Associations and an Athletic Association, with football, baseball, track and other teams and athletic clubs. Chapters of the following fraternities have been organized: Φ Β Κ, Α Δ Φ, Β Θ Π, 1841; Δ Υ, 1865; Δ Κ Ε, 1868; Φ Γ Δ, 1876; Δ Τ Δ, 1882; Δ Γ, 1883–1888.

Of the 4,000 alumni the oldest is Dr. Dudley Allen, 1832, of Oberlin, Ohio.

Faculty.

Chas. F. Thwing, D.D., LL.D., President.
Lemuel S. Potwin, D.D., English.
Edward W. Morley, M.D., Ph.D., LL.D., Natural History, Chemistry.
Chas. J. Smith, A.M., Mathematics.
F. P. Whitman, A.M., Phys., Astron.
Chas. Davidson, Ph.D., Rhetoric and English.
A. B. Cristy, A.M., B.D., Elocution.
Charles Harris, Ph.D., German.
Stephen F. Weston, A.M., Political and Social Science.
Mattoon M. Curtis, Ph.D., Philosophy.
Frederick M. Warren, Ph.D., Romance Languages.
Francis H. Herrick, Ph.D., Biology.
Henry P. Cushing, M.S., Geology.
Samuel B. Platner, Ph.D., Latin and Sanskrit.
A. L. Fuller, Ph.D., Dean, Greek.
Vernon J. Emery, A.M., Latin.
Wm. H. Hulme, Ph.D., German.
Edwin V. Morgan, A.M., History.
Hippolyte Gruener, Ph.D., Chemistry.
Harold N. Fowler, Ph.D., Greek.
Henry E. Bourne, A.B., B.D., Hist.
Robert W. Deering, Ph.D., Germanic.
Herbert A. Aikins, Ph.D., Philosophy.
Edward C. Williams, B.L., Librarian.
Eugene D. Holmes, A.M., English.
Emerson O. Stevens, A.M., English.
Herbert Tetlow, B.L., Biology.
H. W. Woodward, A.M., Phys. Lab.
Charles G. Lang, Gymnasium.
J. P. Sawyer, A.M., M.D., Hygiene.

SCHOOL OF LAW.

Hon. Stevenson Burke, Corp'n Law.
Hon. Chas. E. Pennewell, Law of Real Property.
H. A. Garfield, A.M., Contract Law.
E. H. Hopkins, A.B., LL.B., Dean, Law of Torts, Equity Jurisdiction.
P. H. Kaiser, A.M., Law of Evidence.
Henry C. White, A.M., LL.B., Law of Wills, Administration of Estates.
Theo. E. Burton, A.M., Law of Bills and Notes.
H. H. Johnson, A.M., LL.B., Law of Agency, Pleading, and Const. Law.
A. T. Brewer, LL.B., Law of Insurance and Corporations.
Alex. Hadden, A.M., Law of Crimes.
Arthur A. Stearns, A.M., Law of Suretyship and Mortgage.
R. M. Lee, LL.B., Law of Shipping, Admiralty, and Common Carriers.
Frederick A. Henry, A.M., LL.B., Law of Personal Property.
Hon. W. W. Boynton, Taxation Law.

SCHOOL OF MEDICINE.

W. J. Scott, M.D., LL.D., Emeritus.
H. J. Herrick, A.M., M.D., Emeritus.
Jacob Laisy, A.M., M.D., Emeritus.
John E. Darby, A.M., M.D., Materia Medica.
H. H. Powell, A.M., M.D., Dean, Obstetrics and Pediatrics.
J. H. Lowman, A.M., M.D., Medicine.
J. P. Sawyer, A.M., M.D., Medicine.
Perry L. Hobbs, Ph.D., Chemistry.
Wm. T. Corlett, M.D., L.R.C.P., Dermatology.
H. S. Upson, A.B., M.D., Neurology.
Judge Conway D. Noble, Med. Juris.
Geo. C. Ashmun, M.D., Registrar, Hygiene and Preventives.
D. P. Allen, A.M., M.D., Surgery.
Benjamin L. Millikin, A.M., M.D., Ophthalmology.
Carl A. Hamann, M.D., Anatomy.
Frank E. Bunts, M.D., Surgery.
Hunter Robb, A.M., M.D., Gynæcol.
G. N. Stewart, M.A., D.Sc., M.D., D.P.H., Physiology.
Wm. T. Howard, Jr., A.B., M.D., Pathology.
Geo. C. Russell, A.M., M.D., Materia Medica.
Edward F. Cushing, M.D., Ph.D., Pediatrics.
Wm. H. Humiston, M.D., Gynecol.
R. M. Woodward, A.M., M.D., M.H.S., Surgery.
J. G. Spenzer, M.D., Ph.D., F.C.S., F.I.C., Pharmacology.
Wm. H. Nevison, M.D., Surgery.
Chas. F. Hoover, A.B., M.D., Physical Diagnosis.
John M. Ingersoll, A.M., M.D., Wm. R. Lincoln, A.M., M.D., Otology and Laryn'y.
Holmes Marshall, Chemistry.
Torald Sollmann, Physiology.
Daniel W. Gans, Bacteriology.
Frank S. Clark, M.D., Obstetrics.
H. T. Clapp, M.D., Dis. of Women.
Wm. E. Bruner, M.D., Eye Diseases.
O. T. Thomas, M.D., Dis. of Women.
T. D. McFarland, Pharmacist.

DENTAL SCHOOL.

Charles F. Thwing, D.D., President.
H. L. Ambler, M.S., D.D.S., M.D., Dean, Operative Dentistry and Dental Hygiene.
W. H. Whitslar, M.D., D.D.S., Secretary, Dental Anatomy, Pathology.
George H. Wilson, D.D.S., Prosthesis and Metallurgy.
H. F. Harvey, D.D.S., Orthodontia.
David R. Jennings, M.D., D.D.S., Special Operative Dentistry.
J. R. Owens, D.D.S., Anaesthetics.
J. W. Van Doorn, D.D.S., Materia Medica and Dental Therapeutics.
John F. Stephan, D.D.S., Operative Technics.
H. A. Garfield, Dental Jurisprudence.

WESTERN UNIVERSITY OF PENNSYLVANIA.

Allegheny, Penn. *Co-Educational.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	583	128	8	16,000

History: The Western University was originally founded as the Pittsburgh Academy, and was incorporated under this name in 1787. It is the second oldest institution of higher learning west of the Appalachians. In 1819 it was re-incorporated as the Western University of Pennsylvania. The original college buildings were destroyed by the great fire in 1845, which wiped out the greater part of Pittsburgh; and were again destroyed by fire in 1849. After having been rebuilt they were sold to Allegheny County for temporary use as a courthouse in 1881. During this time the collegiate department and engineering school were temporarily located on North Avenue, Allegheny, in buildings of the United Presbyterian and Reformed Presbyterian Theological Seminaries. The present buildings are located upon the campus originally acquired in 1869, at the time the Allegheny Observatory became the property of the Western University of Pennsylvania. Since its reincorporation the presidents have been: Robert Bruce, D.D., 1819–1835; Rev. Gilbert Morgan, 1835–1836; Robert Bruce, D.D., 1836–1843; Heman Dyer, D.D., 1843–1849; D. H. Riddle, D.D., 1849–1855; John F. McLaren, D.D., 1855–1858; George Woods, LL.D., 1858–1880; Milton B. Goff, A.M., 1880–1881; Henry M. McCracken, D.D., LL.D., 1881–1884; Milton B. Goff, LL.D., 1884–1891; W. J. Holland, D.D., Ph.D., LL.D., 1891 to the present time.

Organization: The university at present consists of the following departments: the College, Engineering School, Western Pennsylvania School of Mines and Mining Engineering, Allegheny Observatory, all four located on the campus in Allegheny; the Western Pennsylvania Medical College, connected with which are the Reineman Maternity Hospital and the Emma Kaufmann Clinic, located on a site immediately contiguous to that of the Western Pennsylvania Hospital, Brereton Avenue and 30th Street, Pittsburgh; Law Department, temporarily located in the Allegheny County Court House; Pittsburgh College of Pharmacy, corner of Bluff and Pride Streets, Pittsburgh; Pittsburgh Dental College, located in the McNally Building, 711 Penn Avenue, Pittsburgh.

Admission, Instruction, Degrees: Admission is by examination, and provisionally upon certificates. In the college classical, scientific, and Latin-scientific courses lead to degrees of B.A., B.Ph., B.S., with further degrees of C.E., E.E., M.E., Min.Eng., B.LL., M.D., Ph.C., P.D., and Phar.M. granted by the professional schools. Degrees of M.A., M.S., and Ph.D. are given after one and two years of graduate study. Attendance at chapel is compulsory in the college but not in the professional schools. Gymnastic drill is optional, and negroes are freely admitted.

Dues, Scholarships, and Prizes: Tuition is $100 for the year, lasting from September 14 to June 17. Total expenses are $280. Of five scholarships, equivalent to tuition and more, three are for the descendants of Union soldiers. Free tuition is also given to twelve college students for merit shown in the freshman year. Three prizes of $50 and $25 are annually awarded for oratory, with two other prizes of $15 and $25, in the second year, for excellence in English literature.

Equipment: The college grounds cover fourteen acres. Of the eight college buildings, several are dormitories. The natural history department has the best collection of specimens from Pennsylvania, and the herbarium is the largest in the state. The astronomical observatory has become distinguished by the researches in solar physics conducted by Professor Langley.

Societies and Publications: The literary societies publish the "Western University Courant," and the "West Penn'a Clinic." Among many social, religious, dramatic, musical, and other organizations, the students maintain a Scientific and Electrical Club, two Christian Associations, glee, mandolin, and banjo clubs, and an Athletic Association, with football, baseball, and track teams, as well as tennis clubs and other athletic organizations. Chapters of the following fraternities have been organized: Φ Γ Δ, 1863–1870, and Δ T Δ, 1864–1879.

Faculty.

W. J. Holland, Ph.D., D.D., Chancellor, Philosophy, Internat. Law.
Francis C. Phillips, Ph.D., Chemistry and Mineralogy.
Paul F. Rohrbacher, German, History.
Daniel Carhart, M.C.E., Civil Engineering and Mathematics.
J. Chris. Lange, M.D., Medicine.
W. Snively, M.D., Clinical Medicine.
J. B. Murdoch, M.D., Surgery.
W. J. Asdale, M.D., Emeritus.
J. D. Thomas, M.D., President of Medical Faculty.
Cyrus B. King, M.D., Surgery.
Samuel Ayres, M.D., Insanity.
J. C. Dunn, M.D., Materia Medica and Dermatology.
H. W. Hechelman, M.D., Eye, Ear.
John Milton Duff, M.D., Obstetrics.
Albert E. Frost, A.M., Physics.
Reid T. Stewart, Ph.M., C.E., Mech. Engineering.
N. W. Brown, M.D., Dietetics, Hygiene.
John S. Mabon, M.D., Nose, Throat.
T. M. T. McKennan, M.D., Anatomy.
W. T. English, M.D., Diagnosis.
T. L. Hazzard, M.D., Physiology.
Jeremiah Tingley, Ph.D., LL.D., Medical Chemistry.
James W. MacFarlane, M.D., Orthopedic Surgery.
M. C. Cameron, M.D., Gynecology.
H. R. O'Connor, M.D., Genital Dis.
W. M. Burleigh, M.D., Dermatology.
Eugene G. Matson, M.D., Pathology.
C. C. Hersman, M.D., Insanity.
Thos. McCann, M.D., Clin. Surgery.
E. B. Borland, M.D., Chest Diseases.
R. H. Grube, M.D., Materia Medica.

C. B. Connelley, Supt. of Shops.
Henry S. Scribner, A.M., Greek.
Oscar Scheer, Gymnastics.
J. E. Keeler, Sc.D., F.R.A.S., Astron.
Edw. B. Heckel, M.D., Eye and Ear.
F. B. Smith, Ph.B., University Lab.
Jas. Hetzel, C.E., Math. and Graphics.
Ellis S. Montgomery, M.D., Anat.
E. W. Day, M.D., Nose and Throat.
C. M. Des Islets, Ph.D., Latin and French.
Reginald A. Fessenden, M.I.E.E., Electrical Engineering.
A. L. Lewis, M.D., Chem. Medicine.
A. S. Hunter, Ph.D., English.
C. S. Shaw, M.D., Children's Diseases.
T. J. Elterich, M.D., Children's Dis.
S. H. McKibben, M.D., Obstetrics.
Henry Wilson, M.D., House Physician.
R. L. Walker, M.D., Anatomy.
S. L. McCurdy, M.D., Anat.
T. W. Elder, M.D., Hygiene.
J. A. Hawkins, M.D., Dis. of Rectum.
J. M. Murdoch, M.D., Microscopy and Histology.
D. E. Sloan, M.D., Anatomy.
James H. Logan, Microscopy.
X. O. Werder, M.D., Gynecology.
S. W. Tufts, M.D., Microscopy and Histology.
H. Finkelpearl, M.D., Pharmacy.
S. C. Milligan, M.D., Nose, Throat.
W. H. Ewing, M.D., J. C. Boggs, M.D., Gynecology.
C. O. Anderson, M.D., H. F. McDowell, M.D., Jos. L. Duncan, M.D., Anatomy.
T. L. Disque, M.D., W. J. Ingram, M.D., J. W. Boyce, M.D., Pathol.
Henry Harrer, B.S., E.E., Astro-Physics.
John D. Shafer, M.A., LL.D., Dean of Law School.
Hon. S. S. Mehard, M.A., Ph.D., Thos. Herriott, M.A., LL.B., Wm. H. McClung, LL.B., Hon. Clarence Burleigh, LL.B., Thos. Patterson, M.A., LL.B., James C. Gray, B.A., LL.B., William W. Smith, B.A., LL.B., Law.
Julius A. Koch, Ph.G., Pharmacy.
S. M. Kintner, Electrical Engineering.
F. T. Aschman, Ph.B., Chemistry.
Adolph Koenig, M.D., Materia Med.
Gustave Guttenberg, B.A., Microscopy.
Richard A. Skalweit, Latin.
Thos. S. Brown, Phar. Jurisprudence.
John A. Shafer, Ph.B., Materia Med.
Howard A. Miller, Ph.G., Pharmacy.
Frederick Brehm, Ph.G., Chemistry.
W. G. Wilkins, C.E., Selwyn M. Taylor, C.E., Mining Engineering.
S. C. Thomas, M.D., Venereal Dis.
J. G. Templeton, D.D.S., Gen. Pathol.
H. W. Arthur, D.D.S., Dentistry.
G. L. Simpson, D.D.S., Orthodontia.
Walter H. Fundenberg, D.D.S., Prosthetic Dentistry.
J. H. Beall, Ph.G., Sc.D., Chemistry and Metallurgy.
Theodore Diller, M.D., Physiology.
George R. Shidle, D.D.S., Dental Anæsthetics.
John S. Ashbrook, D.D.S., Dental Anatomy.
J. F. Thompson, D.D.S., Prosthetic Dentistry.
O. L. Hersig, D.D.S., Oper. Dent.
Clement R. Jones, M.D., Anatomy.
J. A. Libby, D.D.S., Geo. W. Mellott, D.D.S., T. H. Whiteside, D.D.S., H. H. Harrison, D.D.S., Gale French, D.D.S., George Culbertson, D.D.S., A. C. McAlpin, D.D.S., G. W. Green, D.D.S., H. L. Reineck, E., D.D.S., Henry Gerhart, Wm. Van Antwerp, Wm. E. Van Arsdale, Clinical Dentistry.
Albert E. Frost, A.M., Registrar.
Thomas H. Craig, Clerk.
L. A. Dietz, Hugo J. Glaubitz, Librarians.

WESTMINSTER COLLEGE.

Fulton, Mo. *Men.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$13,000	113	11	3	6,000

The college was organized in 1855. Instruction was suspended during the Civil War, which left the college with only $30,000 of its

originally large endowment. This amount has since been increased to $200,000. Dr. W. W. Robertson has presided over the institution from its foundation until his death in 1894.

The college is governed by twenty-one trustees. Admission is on certificate and by examination. Attendance at chapel is compulsory. The degrees are A.B., B.S., and B.L., with that of Ph.D. after a year of resident study. The expenses for the year, from September 12 to June 11, are $170. The societies are the Philologic and Philalethean, with Christian and Athletic Associations. Chapters have been established of: Β Θ Π, 1868; Φ Δ Θ, 1880 and Κ Α, 1890. In the vicinity of the college is the Women's College of Missouri.

Faculty.

Edward C. Gordon, D.D., President, Biblical History.
J. H. Scott, A.M., Ph.D., Librarian, Astronomy.
J. N. Lyle, A.M., Ph.D., Nat. Sciences.
J. J. Rice, A.M., LL.D., History.
E. H. Marquess, A.M., Latin.
W. J. Wright, D.D., LL.D., Metaphysics.
J. F. Cowan, A.M., D.D., Mod. Lang.
D. S. Gage, A.M., Greek.
E. S. Wood, Natural Sciences.
J. W. Stitt, Tutor.
E. P. Maule, Jr., Physical Director.

WESTMINSTER COLLEGE.

New Wilmington, Penn. *Co-Educational.* *Presbyterian.*

Income,	Students,	Instructors,	Buildings,	Books,
$16,000	279	10	5	4,000

The college was chartered in 1852, and graduated its first class in 1854. It is governed by twenty-eight trustees, of whom four are alumni. Admission is on certificate and by examination. The degrees are A.B., B.S., and B.L., with A.M. after three years, and the degree of Ph.D. after prescribed graduate study. Attendance at chapel is compulsory. The expenses for the year, lasting from September 4 to June 18, are $130. A medal is annually awarded for the best woman's commencement essay.

The students publish the "Holcad" (a monthly), and maintain the Adelphic and Philomath Literary societies for men, and the Ligorian and Chrestomath for women, with Alumni, Lecture, and Athletic Associations, besides two Christian Associations. A chapter of Δ Τ Δ existed from 1869 to 1870. The graduates number 700, of whom the Rev. W. P. Shaw, 1854, of Midway, Penn., is the oldest.

Faculty.

R. G. Ferguson, D.D., President, Mental Science.
Rev. John Mitchell, A.M., Librarian, Greek.
S. R. Thompson, A.M., Physics.
Margaret McLaughry, A.M., Secretary, English.
J. J. McElree, A.M., Latin.
C. C. Freeman, A.M., Math., Chem.
Ina M. Hanna, B.S., Physics.
Hannah E. Peebles, A.B., English.
Alice Elliott, German.
Daniel Hahn, Adella Hahn, Music.
Linnie Hodgen, Art.
Edith L. Winn, Stringed Instruments.
E. W. Guilford, Physical Director.

WEST VIRGINIA COLLEGE.

Flemington, W. Va. *Co-Educational.* *Free Baptist.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
——	64	4	1	300

This college was founded in 1868. Admission is on certificate. Degrees of B.A. and M.A. are conferred. Attendance at chapel is compulsory. The academic year ends on May 21. Twenty alumni have been graduated in all, the oldest of whom is Frank Calgrove, A.M., 1876, of Worcester, Mass. The president is the Rev. Thomas E. Peden, A.M.

(*Further information lacking.*)

WEST VIRGINIA UNIVERSITY.

Morgantown, W. Va. *Co-Educational.* *Non-Sectarian.*

INCOME,	STUDENTS,	INSTRUCTORS,	BUILDINGS,	BOOKS,
$65,000	398	38	6	11,000

The university was established by act of legislature in 1867 as the West Virginia Agricultural College, afterwards taking its present name. It is governed by nine regents, and comprises four colleges. To wit: the academic, with a special department of medicine; the agricultural; the college of law, and the engineering college; with five schools of physical training, military instruction, commercial branches, pedagogy, and of preparatory instruction.

Admission is by examination, and on the certificates of state schools. The curricula of the various colleges and schools lead to degrees of B.A., B.S., B.LL., M.A., and M.D.; B.A. and B.S. in Law; B S. in Agriculture, Civil Engineering, Mechanical Engineering. Attendance at gymnastic exercise and military drill is compulsory for all able-bodied male students during the first two years, while attendance at one or the other is obligatory during the last two years. Attendance at chapel is voluntary. Tuition is free for all residents of West Virginia. Others pay from $5 to $12.50 per term. Special fees are charged for matriculation and diplomas. Other expenses aggregate from $134 to $204 for the year, lasting from September 11 to June 8. A regent's prize of $25 is annually awarded to the best essayist.

The college grounds cover eighteen acres on the banks of the Monongahela River, besides which there is an experimental farm. Among the buildings the most notable is Commencement Hall, containing a chapel, gymnasium, and drill floor, while the Agricultural Station is one of the best-equipped in the country. In all $250,000 has been expended on the buildings.

The "Athenæum" is published, and the students maintain two literary societies, the Parthenon and Columbian, which give annual prizes aggregating $100; an Engineering Society, Christian Associa-

tion, an Athletic Association, with football, baseball, and track teams, and a boat club. Chapters have been organized of: K Σ, 1883–1886, and Φ K Ψ, 1890.

Faculty.

J. L. Goodknight, D.D., President.
P. B. Reynolds, D.D., Vice-President, Metaphysics.
John I. Harvey, A.M., Ph.D., Modern Languages.
Okey Johnson, A.M., LL.B., Law.
St. George T. Brooke, LL.D., Common and Statute Law.
Wm. P. Willey, A.M., Equity Jurisprudence.
Alex. R. Whitehill, Ph.D., Chemistry and Physics.
Jas. W. Hartigan, A.M., M.D., F.S.S., F.R.M.S., G.O., Physical Training.
John L. Johnston, C.E., Engineering and Applied Mathematics.
Samuel B. Brown, A.M., Geology.
John A. Myers, A.M., Ph.D., Agri. Director, Agricultural Chemistry.
Robert A. Armstrong, A.M., Registrar, English.
Thos. C. Miller, A.M., Pedagogy.
L. C. Corbett, B.S., Agriculture, etc., Microscopist.
Wm. S. Aldrich, M.E., Mechanical Engineering.
Jas. S. Stewart, M.S., Mathematics.
R. W. Douthat, A.M., Ph.D., Classics.
Capt. C. C. Hewitt, U.S.A., Military Science.
A. J. Hare, A.B., Classics, Math.
W. Bernard Cutright, A.B., B.P., Preparatory Branches.
R. L. Morris, B.S.C.E., Engineering.
Clement R. Jones, B.S.C.E., Mechanical Engineering.
D. M. Willis, Commercial Branches.
A. D. Hopkins, Ph.D., Entomology.
B. H. Hite, M.S., Organic Chemistry.
W. E. Rumsey, B.S.Agr., Entomology and Botany.
Waitman Barbe, M.S., Field Agent.
Clara Hough, Librarian.
T. F. Watson, Chemist, Miss M. E. Heermans, Bookkeeper, and Mrs. S. M. Houston, Librarian, Agricultural Staff.

WHEATON COLLEGE.

Wheaton, Ill. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,918	289	15	3	2,500

The college was founded in 1860, and is governed by twenty trustees, and an advisory board of twelve ladies. Since 1879 the college property has been free from debt. Admission is by examination, and on the certificates of eighteen schools of Illinois, eight of Indiana, ten of Michigan, four of Iowa and Wisconsin, and from single schools of Kansas, Kentucky, and Washington. Courses in the classics, sciences, literature, music, and art, as well as in normal and commercial branches, lead to degrees of B.A., B.S., and B.L. Masters' and doctors' degrees are conferred after graduate study, and the payment of special fees. The expenses for the year, lasting from September 17 to June 25, exceed $100. The children of clergymen and missionaries do not pay for tuition. Six perpetual scholarships have been established, yielding incomes equivalent to tuition, incidental fees, and room-rent. Limited scholarships, covering tuition and incidental fees, can be purchased for $30 per year.

Attendance at chapel and church is compulsory. Students are forbidden to leave town during term time, or their rooms during

study hours and at night time without permission. Billiards, cards, and other games of chance, as well as intoxicating drinks or tobacco, are strictly prohibited. Students are further forbidden to join secret societies, to propagate infidel sentiments, to enter the marriage relation, or to throw fire from the windows.

Connected with the college is a preparatory school, and a college printing-press. A woman's building is in process of erection. The students maintain the Beltonian Literary Association, founded in 1855 as the Philomathean Society; the Excelsior, founded in 1872; the Kreitonian, founded in 1891; the Philolethean, founded in 1893; the Aeliotian, for women, and a Christian Association.

The graduates number 250.

Faculty.

Charles A. Blanchard, A.M., President, Philosophy.
H. A. Fischer, A.M., Astronomy.
D. A. Straw, M.S., Logic, Rhetoric.
E. Whipple, A.M., Political and Social Science.
E. E. Guitner, A.M., Greek.
Elsie S. Dow, A.M., English.
B. S. Fox, A.M., Latin.
J. B. Russell, M.S., Natural Science.
Maud Whipple, A.B., English.
Sarah H. Natting, Art.
D. C. Rice, Music.
W. C. Coffin, Singing.
May Scoville, B.S., Singing.
Katharine P. Biggers, Ladies' Hall.

WHITMAN COLLEGE.

Walla Walla, Wash. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$65,000	100	9	3	4000

History: The college was founded in memory of Marcus Whitman, the missionary, who went to the territory in 1836. By his famous ride across the continent, in 1842-1843, he saved Oregon for the United States, and on his return, led the first wagon-train of emigrants to the Pacific coast. He was killed by the Indians in 1847. The Rev. Cushing Eells, who had accompanied Whitman to Washington in 1838, but who had fled to the Willamette Valley, after Dr. Whitman's massacre returned to the ruined mission, at Waiilatpu, in 1859, and founded a school for both sexes, to perpetuate the work of his friend. A territorial charter was obtained in 1860, but the school was not opened as a college until 1883, when a new charter was obtained.

Organization: The college is governed by nine trustees, with an advisory board of twelve members. It is supported in part by the American College and Education Society of Boston. Admission is by examination and upon certificate, from accredited schools of the standard of Whitman Academy. Three courses in arts, literature and science, lead to degrees of B.A., B.L., and B.S. The master's degree is conferred after three years of graduate study. The expenses for the year, lasting from September 18 to June 12, are $200,

of which $48 are for tuition. Candidates for the ministry, and children of clergymen, pay half-rates.

The students maintain the Athenæum, and Alcott Debating Societies, for men and women respectively; an Oratorical Association, College Chorus, two glee clubs, Christian Association, and an Athletic Association, with a Basketball Club for women.

The graduates, since 1886, number seventy.

Faculty.

Stephen B. L. Penrose, A.B., B.D., President, Philosophy.
W. D. Lyman, A.M., Polit. Science.
Helen A. Pepoon, Ph.B., B.L., Latin.
L. F. Anderson, A.M., Greek.
B. H. Brown, A.B., Natural Sciences.
W. A. Bratton, A.B., Mathematics.
O. A. Hauerbach, A.B., Oratory.
A. B. Dow, A.B., Music.
Pearl A. Gunn, A.B., Instrum. Music.
Nora S. Garrahan, Vocal Music.
Myra H. Davis, B.L., Ladies' Hall.

WILBERFORCE UNIVERSITY.

Wilberforce, Ohio. *Co-Educational.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$27,000	305	18	1	9,000

The university was organized in 1856 with Salmon P. Chase on its first board of directors. Its object is to give education to negroes. The first president was Dr. R. S. Rust. In 1863 Bishop Payne bought the college for $10,000, and remained its president until 1876, to be succeeded by Bishop B. F. Lee, who served until 1884, when the present incumbent took charge. The college building was destroyed by fire in 1865, and was replaced by another immediately afterward. In 1896 the state gave $100,000, and authorized an educational tax levy, which will yield $17,500 a year for this school.

The university is governed by a board of trustees, and comprises besides the college, a musical conservatory, law school, normal, and industrial school, military school, and the Payne Theological Seminary, all of which departments confer appropriate degrees. Attendance at chapel is compulsory.

The students maintain several literary, social and religious associations. The graduates number 165, of whom 150 are living. The oldest is John P. Juniper, B.D., 1870, of Washington, D.C.

Faculty.

Rev. Sam'l T. Mitchell, A.M., LL.D., President, Philosophy.
Joseph P. Shorter, M.A., Math.
Wm. E. B. Du Bois, A.M., Classics.
Campbell Maxwell, D.C.L., Law.
Wm. S. Howard, LL.B., Law.
Elizabeth L. Jackson, English, Hist.
Emma H. Albert, English Branches.
Emile Knowlton, Instrumental Music.
Lieut. Charles Young, Tactics.

WILEY UNIVERSITY.

Marshall, Texas. *Co-Educational.* *Methodist.*

Income.	Students.	Instructors.	Buildings.	Books.
———	284	12	7	1,800

The university was founded in 1873 for the purpose of giving instruction to negroes, and is supported by the Freedmen's Aid and Southern Educational Society. It is governed by fifteen trustees. Admission is by examination and on certificate. The college course leads to the degree of B.A., while the normal course leads to that of B.Pe. Connected with the college are departments for preparatory, theological, and kindergarten instruction, as well as a musical conservatory and an industrial department, with a model school, workshops, and a printing press. Attendance at chapel is compulsory. The expenses for the year, lasting from October 1 to May 14, do not exceed $100, of which $10 or $15 is for tuition. The students maintain two literary societies and two Christian Associations.

Faculty.

I. B. Scott, A.M., D.D., President, Philosophy.
A. O. Coffin, A.M., Ph.D., Mathematics and Sciences.
J. U. Turner, A.B., Classics.
Cora J. Wilson, A.B., Normal Grades.
Adah M. Taylor, Preceptress.
J. I. Lane, B.S.D., Com. Branches.
S. S. Reid, A.B., Primary Grades.
J. W. Jones, Music.
E. G. Bushroe, Industrial Home.
Anna M. Poppino, Clara J. King, Cooking and Sewing.
Mattie J. Scott, Normal Grades.
Eva Taylor, M. E. Luster, B. V. Powell, Mamie A. Johnston, A. English, English Grades.

WILLAMETTE UNIVERSITY.

Salem, Ore. *Co-Educational.* *Methodist.*

Income.	Students.	Instructors.	Buildings.	Books.
$12,000	404	59	4	6,686

The college was chartered in 1853. The trustees number forty-five, of whom three are alumni. The university is situated on grounds covering twenty acres, fifty-two miles from Portland, where the medical department is located. The Theological Seminary dates from 1889. The university consists of colleges of oratory, music, art, theology, law, medicine, pharmacy and a preparatory school.

Admission is by examination. Degrees of B.A., B.Ph., and B.L. are conferred after a four years' curriculum, with masters' degrees after graduate study. A diploma of Scientific Didactics is conferred after the normal course. The courses of the first two years are prescribed, but in the last two years elective studies are offered. Tuition for the year, lasting from September 17 to June 16, is from

$24 to $40 a year, with additional fees in the medical and law departments. Attendance at chapel is compulsory. The use of tobacco or alcohol is strictly forbidden.

The university buildings, except those situated in Portland, are in the centre of the college campus. Most notable among the buildings is the Women's College, containing the conservatory of music and a new gymnasium, claimed to be one of the best on the Pacific Coast. The students publish the "Collegian," and maintain three literary societies: the Philodosian, Philodorion and Phil-musical, besides an Oratorical Association, Men's and Ladies' Athletic Clubs and two Christian Associations.

Of the 630 graduates, 580 are living. The oldest of these is T. H. Crawford, 1863, of Portland, Ore.

Faculty.

W. C. Hawley, A.M., LL.B., History.
Frederic S. Dunn, A.M., Greek, Latin.
M. T. Cochran, A.M., English, Lit.
Jas. T. Matthews, A.M., Mathematics.
L. G. Cochran, A.M., Nat. Science.
Minnie Frickey, A.M., Ger., French.
Sara N. Brown, O.M., Oratory.
Mary E. Reynolds, B.S., Hesta Field, C. J. Atwood, Helen L. Matthews, Preparatory Department.
Percy L. Brown, Laboratory.
Richmond Kelly, A.M., M.D., Obstetrics and Microscopy.
H. W. Coe, M.D., Nervous System.
F. Cauthorn, A.M., M.D., Surgery.
J. J. Gingles, M.D., Anatomy.
W. F. Amos, M.D., Materia Medica.
Jas. Browne, M.D., LL.D., Physiol.
Wm. L. Wood, M.D., Ophthalmology.
J. K. Locke, M.D., Hygiene.
E. N. Wilson, M.D., Chemistry.
H. R. Holmes, M.D., Gynecology.
Hon. M. C. George, LL.D., Medical Jurisprudence.
David H. Rand, M.D., Genito-Urinary Diseases.
George H. Chance, DD.S., Dental Pathology.
R. L. Gillespie, M.D., Theory and Practice of Medicine.
Jas. F. Dickson, M.D., Laryngology.
W. E. Maxwell, M.D., Dermatology.
E. Mingus, M.D., Pathology.
S. T. Richardson, LL.B., A.M., Constitutional Law.
Benj. F. Bonham, Eq. Jurisprudence.
Tilmon Ford, B.S., Evidence, Practice.
John J. Shaw, Law Pleadings.
Geo. H. Burnett, A.B., Law of Torts.
Geo. G. Bingham, LL.D., Criminal Law.
Wm. H. Holmes, Contracts.
Peter H. D'Arcy, A.B., Negotiable Instruments.
John A. Carson, B.C.L., American Common Law.
C. D. Young, Real Property.
W. M. Kaiser, Code Pleadings.
H. J. Bigger, Common Law.
Frank E. Brown, Gymnas. Director.
J. D. Driver, D.D., Christ. Evidences.
Mary Newsome, B.M., Piano, Voice.
Alzira Chandler, Organ.
Homer A. Kruse, B.M., Harmony.
Mrs. B. J. Sharp, Singing.
Bertha Hubbard, B.M., Piano, Organ.
Marguerite Alderson, B.M., Piano.
H. D. Dietrich, Ph.G., Pharmacy.
E. H. Thornton, M.D., Materia Medica.
P. R. Young, M.D., Botany.
Marie Craig, B.S., Art.

WILLIAM AND MARY COLLEGE.

Williamsburg, Va. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,900	200	11	7	8,000

History: This college, which celebrated its two hundredth anniversary in 1894, in a sense ante-dates Harvard College, for its establishment was first proposed in a letter of King James I., in 1617, seventeen years before John Harvard came to America. King James' letter directed collections to be taken up in various parishes in England for the benefit of an Indian college to be located on Farrar's Island. The Indian massacre of 1622 spoiled this project. In 1660 and the two succeeding years, the project was taken up again, leading to an appropriation of 1,200 lbs. of tobacco a year, "for a colledge and free schoole to bring up each Indian hostage in English literature." In 1693 the college was chartered, under William and Mary of England, adopting their name. The charter granted to the college £1,985 14*s.* 10*d.* out of the quitrents; 10,000 acres on Blackwater Swamp, and 10,000 acres in Pamunkey Neck, between the forks of York River; the office of Surveyor-General, with all its issues and fees; a duty of one penny a pound on all tobacco exported from Virginia and Maryland; and the right to one burgess in the House of Burgesses. In 1695 was given the charity of the Hon. Robert Boyle for the education of Indian youth. In 1705 the front and north wing of the college building was accidentally destroyed by fire. In 1718 an act of the general assembly granted £1,000 for scholarships in the college, which have since become extinct. In 1723 the Brafferton building for the Indian school was erected. In 1726 and 1734 acts of the assembly imposed duties on rum and other liquors for the support of the college. In 1729 the college was transferred to its present site, and soon the chapel and president's house were built. In 1759 an act of the general assembly imposed a tax on pedlers for the support of the college. After the buildings were constructed at Williamsburg the college was never moved, though several other sites had previously been decided upon. During the War of the Revolution instruction was suspended, following closely upon the foundation of the Phi Beta Kappa Society in 1776. In 1781, two years after the reorganization by Thomas Jefferson, and the first trial of the elective system in America, instruction had to be suspended once more, owing to the occupancy of the college buildings by French troops. During this time the president's house, built in 1732, was destroyed by fire, but was restored by King Louis XVI. In 1824 an ineffectual attempt was made to move the college to Richmond. In 1859, another of the college buildings was accidentally destroyed by fire, and in 1862, while instruction was suspended, the remaining buildings were burnt to the ground by the Federal troops, leaving nothing but the original walls. At the close of the Civil War a decree of the English high court of chancery placed the free school of Mary Whaley, founded in 1706, under the care of the college.

which had in the same year been endowed with a scholarship fund, given by W. W. Corcoran. Instruction was suspended, for the third time, from 1881 to 1888, when new gifts and an amendment of the charter, providing for normal instruction, caused the reopening of the college. In 1893, on the occasion of the two hundredth anniversary, Congress indemnified the college for all losses sustained during the Civil War.

The chancellors, from the foundation until the present date have been: Henry Compton, Bishop of London; Thomas Tenison, Archbishop of Canterbury; William Wake, Archbishop of Canterbury; Edmund Gibson, Bishop of London; Thomas Sherlock, Bishop of London; Thomas Hayter, Archbishop of Canterbury; Charles Wyndham, Earl of Egremont; Philip Yorke, Earl of Hardwick; Gen. George Washington, President of the United States; John Tyler, LL.D., President of the United States; and Hugh Blair Grigsby, LL.D. The presidents with their respective terms of office have been: James Blair, A.M., D.D., 1693–1743; William Dawson, A.M., D.D., 1743–1752; Rev. William Stith, A.M., 1752–1755; Rev. Thomas Dawson, A.M., 1755–1761; Rev. William Yates, 1761–1764; Rev. James Horrocks, 1764–1771; Rev. John Camm, A.M., 1771–1777; Rt. Rev. James Madison, D.D., 1777–1812; John Bracken, D.D., 1812–1814; John Augustine Smith, M.D., 1814–1826; William H. Wilmer, D.D., 1826–1827; Rev. Adam Empie, 1827–1836; Thomas R. Dew, LL.D., 1836–1846; Robert Saunders, A.M., 1846–1847; Rt. Rev. John Johns, D.D., 1849–1854; Benjamin S. Ewell, LL.D., 1848 *pro tem.*, 1854–1888; Lyon G. Tyler, M.A., 1888 to the present.

Organization: The college is governed by a board of eighteen visitors. The teaching force consists of the president, the masters, professors, with instructors, assistants, and other officers. Admission is by examination and upon certificate. The elective system, inaugurated by Jefferson, is still adhered to. Two courses in the classics and normal branches, lead to degrees of A.B., B.Lit., M.A., and L.I. Negroes are not admitted. Attendance at chapel is compulsory, but not so gymnastics or military drill. Students are not permitted to go more than six miles from the college or to absent themselves from any lecture without special leave. Students are furthermore forbidden to play cards, or billiards, to game, visit bar-rooms, to keep or use firearms or intoxicating liquors, to make loud noises or create disturbances, to swear, to haze fellow-students, or to write upon the walls of buildings. The expenses for the year, lasting from the first Thursday in October to June 29, are $165, $35 of which is for tuition. Four scholarships, equivalent to yearly expenses are offered, besides many gold and silver prizes for excellence in study.

Equipment: The college grounds cover one hundred and fifty acres, of which ninety belong to the campus. Besides the main hall, there is the president's house, four dormitories, a model school, college inn, and an infirmary. The school is supported on a state appropriation of $15,000 a year, besides its annual income of $3,900, remaining from its old endowments.

Societies and Publications: The students publish the "William and Mary Magazine," a monthly, and a quarterly is issued by the college authorities. The societies are the Phœnix and Philomathean, an

Athletic Association, with football and baseball teams, an Alumni Association, besides chapters of Φ B K, 1776; Θ Δ X, 1853-1872; Σ A E, 1858-1861; Π K A, 1871-1878; B Θ Π, 1874-1877; K Σ, 1890; K A, 1890.

Faculty.

Lyon G. Tyler, M.A., LL.D., President, Philosophy and Civics.
Jno. L. Hall, Ph.D., English, Hist.
Thos. J. Stubbs, A.M., Ph.D., Math.
L. B. Wharton, A.M., D.D., Latin.
Van F. Garrett, A.M., M.D., Natural Science.
Hugh S. Bird, L.I., A.B., Pedagogy.
Charles E. Bishop, Ph.D., Greek, French, and German.

WILLIAM JEWELL COLLEGE.

Liberty, Mo. *Men.* *Baptist.*

Income,	Students,	Instructors,	Buildings,	Books,
$18,000	344	18	6	8,500

The college was founded in 1849 by the Baptists of Missouri. It is governed by a board of twenty-one trustees. Admission is by examination. Four courses of study lead to the degree of B.A. and to that of M.A. after graduate study. The school of theology, which is connected with the college, confers the degree of B.D. with other ecclesiastical degrees. The college curriculum consists of prescribed and elective studies arranged in the proportion of four to one. Attendance at chapel and at gymnastic drill is compulsory. The expenses for the year, lasting from the first Thursday of September to the second Thursday of June, are $160, of which $50 is for tuition. Ministerial students and sons of Baptist clergymen receive instruction free.

Among the college buildings, which are situated in a village of three thousand inhabitants, fourteen miles from Kansas City, is a modern gymnasium. Not far from the college is the Liberty Female College, which is likewise under the control of the Baptist denomination. The students maintain two literary societies, the Philomathic and Excelsior, with junior branches in the academic department, a Christian Association, and an Athletic Association, with a football team.

Faculty.

John P. Greene, D.D., LL.D., President.
Robert B. Semple, A.M., Latin and Greek.
Jas. R. Eaton, A.M., Ph.D., Physics and Geology.
William R. Rothwell, A.M., D.D., Philosophy and Theology.
James G. Clark, LL.D., Mathematics and French.
Richard P. Rider, A.M., Latin.
Chas. L. Smith, Ph.D., Hist., Civics.
James H. Simmons, A.M., English.
Y. P. Rothwell, A.M., Gymnastics.
Merritt H. Richmond, A.M., Mathematics and Greek.
John L. Shouse, A.M., English.
John L. Best, Business Branches.
James W. Jones, Elocution
Harry G. Parker, A.M., Chem., Biol.
Edward H. Stroeter, A.B., German.
Frank W. Armstrong, Hist., Civics.
Frank W. Keyser, Geography.
Darius E. Douglass, Arithmetic.

WILLIAMS COLLEGE.

Williamstown, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$83,242	400	29	21	38,000

History: Williams College was chartered as a Free School in 1775, after a bequest of land covering the site of West Township, by Col. Ephraim Williams. Owing to the War of the Revolution no further steps were taken until 1785, when the trustees resolved that "it is the sense of the corporation that the Free School be opened for the benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately;" also that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School . . . not having been taught to read English well." The first funds, some £1,200, for buildings were raised by lottery. In 1792 the school was chartered as a college. On petition the legislature passed an act in 1796, granting the college two townships of land "in the district of Maine." It provided that the trustees "shall cause to be settled fifteen families in each township within twelve years; and that there be reserved in each township three lots of 320 acres each, one for the first settled minister, one for the ministry, and one for schools in each township." These lands were sold for $10,000, and the proceeds devoted to building East College. Nine years later the college again appealed to the legislature for assistance, and received a grant of one township, and in 1809 another township "for further aid and the erecting of other buildings and sustaining a professor of the Oriental languages." The sum of $9,500 was realized from the last two townships. In 1814 the legislature passed an act "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received "three sixteenth parts," $30,000. In 1859 the state gave the college $25,000, and in 1868, $75,000. The total of these legislative gifts is $153,500.

The various college buildings were built or rebuilt in the following order, and at the following cost: West College, 1790, $11,700; East College, 1798, $12,400, — burned in 1841, rebuilt 1842, $7,000; South College, 1842, $5,000; Griffin Hall Chapel, 1828, $10,000; Hopkins Observatory, 1837, $3,000; Lawrence Hall Library, 1846, $7,000; Kellogg Hall, 1847, $5,000; Jackson Hall, 1856, $4,000; Alumni Hall Chapel, 1859, $20,000; Goodrich Hall, 1864, $25,000; College Hall, 1872, $5,000; Clark Hall, 1882, $25,000; Field Memorial Observatory, 1882, $8,000; Morgan Hall, 1882, $82,400; Lasell Gymnasium, 1886, $50,000; Library Extension, 1890, $10,000; Hopkins Memorial Hall, 1890, $87,800; Thompson Chemical Laboratory, 1892, $60,000; Thompson Physical Laboratory, 1893, $60,000; Thompson Biological Laboratory, 1893, $60,000; College Infirmary,

$10,000. Total, $568,300. During the last two years the so-called "honor system" of student self-government at examinations and in matters of college discipline has been given an extended trial at Williams College. The presidents have been: Ebenezer Fitch, D.D., 1793–1815; Zephaniah Swift Moore, D.D., 1815–1821; Edward Dorr Griffin, D.D., 1821–1836; Mark Hopkins, D.D., LL.D., 1836–1872; Hon. Paul Ansel Chadbourne, D.D., LL.D., 1872–1881; Franklin Carter, Ph.D., LL.D., 1881 to the present.

Organization: The corporate name of the college is The President and Trustees of Williams College. The trustees number sixteen, and by the terms of the charter are under the supervision of the Supreme Court of Massachusetts. In addition to this body there is a board of alumni visitors, who make an annual report, and a library council, which has supervision over the college library.

Admission, Instruction, Degrees: Admission is by examination, and on the certificates of accredited schools. The curriculum, consisting of prescribed courses in the first two years, and of prescribed and elective courses in the last two years, leads to the degree of A.B. The masters' degree is conferred after two or three years of graduate study, of which at least one must be resident. Military drill is required of freshmen during the first two terms. Attendance at chapel and at nine-tenths of all college exercises is compulsory.

Dues, Scholarships, and Prizes: Tuition is $105 for the year, lasting from September 26 to June 24. In addition to this, fees of $4.50 and $3, are charged for the use of the library and the gymnasium. The total expenses range from $260 to $500. Fourteen scholarships of from $100 to $300 are offered, besides a $400 scholarship for the best senior, and two class scholarships of $200 each. In addition to these the income of forty-two separate scholarship funds, aggregating $7,000 a year, is annually distributed. Twenty prizes for excellence in study, of from $20 to $70, are furthermore awarded.

Equipment: The college campus, situated in the midst of Williamstown, is renowned for its beauty and the wealth of its chapter-houses. The library enjoys a special endowment, yielding $4,000 a year. Separate libraries are owned by the departments of history, philosophy, language, and natural science, as well as by the students' literary societies, and the Young Men's Christian Association. The departments of biology, chemistry, and physics, with their respective laboratories, are housed in three separate buildings, presented by F. F. Thompson, of New York. Two observatories are owned by the astronomical department. The Lasell Gymnasium, which was erected and equipped at a cost of $50,000, contains a running-track and a baseball court. The Weston Athletic Field contains a cinder-track, besides a baseball diamond and football gridiron, while several smaller adjoining fields give opportunities for tennis, golf, and lacrosse.

Societies and Publications: The students publish the "Williams Weekly," and the "Williams Literary Monthly," and maintain the Philotechnian and Philological Literary societies, Classical Society, Lyceum, with other social and musical organizations, besides a Christian Association and Athletic Association, with football and baseball teams. Chapters have been organized of: Φ B K, 1833;

K A, 1833; Σ Φ, 1834; Δ Υ, 1834; X Ψ, 1842; B Θ Π, 1847–1851; Z Ψ, 1848; A Δ Φ, 1851; Δ Ψ, 1853; Δ K E, 1855; Φ Γ Δ, 1880–1881; and Φ Δ Θ, 1886.

Faculty.

Franklin Carter, Ph.D., LL.D., President, Natural Theology.
Rev. John Bascom, D.D., LL.D., Political Economy.
Rev. Arthur L. Perry, DD., LL.D., Emeritus.
Truman H. Safford, Ph.D., Astron.
Cyrus M. Dodd, M.A., Math.
John H. Hewitt, LL.D Classics.
Rev. E. B. Parsons, D.D., Registrar.
Rev. L. W. Spring, D.D., Rhetoric.
Orlando M. Fernald, M.A., Greek.
Rev. Charles H. Burr, B.A., Librarian, and Bible.
Richard A. Rice, M.A., American History and Literature.
George Moritz Wahl, L.H.D., Mod. Languages.
John E. Russell, M.A., Philosophy.
Samuel F. Clarke, Ph.D., Natural History.
Luther D. Woodbridge, M.D., Anatomy and Physiology.
Frank P. Goodrich, Ph.D., German Lang. and History.
Asa H. Morton, M.A., Romance Languages.
Leverett Mears, Ph.D., Chemistry.
Henry Lefavour, Ph.D., Physics.
James I. Peck, Ph.D., Biology.
Henry D. Wild, M.A., Latin.
T. Nelson Dale (U. S. G. S.), Geol.
Warner Fite, Ph.D., Dean, Latin and Philosophy.
Frank J. Mather, Ph.D., English and Italian.
Hanford W. Edson, B.A., Elocution.
Edward Bartow, Ph.D., Chemistry.

WILMINGTON COLLEGE.

Wilmington, Ohio. *Co-Educational.* *Quaker.*

Income,	Students,	Instructors,	Buildings,	Books,
$5,000	130	10	5	2,000

The college was organized in 1870, and chartered in 1875. It is governed by five trustees and nine managers. Admission is by examination and on certificate. The regular college curriculum leads to degrees of B.A. and B.S., with master's degrees after three years. Attendance at chapel is compulsory. The expenses for the year, lasting from September 10 to June 25, are $130. A fellowship, yielding $300 a year, is available for graduates.

The college grounds cover twelve acres. Besides the main building there is a women's building, and a gymnasium with athletic grounds. The students maintain the Dorian Society, for both sexes, the Forensic Debating Club for men, with the Virgines and Browning Circle for women. Of the eighty and more graduates seventy-five are living.

Faculty.

James B. Unthank, M.Sc., President, Logic and Modern Languages.
Ellen C. Wright, A.M., Sec., Latin.
J. B. Wright, A.M., Chem., Botany.
Bessie C. Todhunter, A.M., Librarian, Greek.
H. J. Gaertner, A.B., Astronomy.
Louella Davis, Geography.
Ina Cockerill, English.
Mrs. Eva Holland, Music.
Sarah Kirk, Shorthand.
Mrs. T. J. Moon, Art.
Mrs. W. H. Miller, Mrs. Sarah F. Hunt, Matrons.

WITTENBERG COLLEGE.

Springfield, Ohio. *Co-Educational.* *Lutheran.*

Income,	Students,	Instructors,	Buildings,	Books,
$25,000	525	21	7	12,000

History: The Lutheran Synodical Convention of 1832 determined the foundation of this college, and led to a grant of seventeen acres by the town of Springfield, which was later increased to forty acres. The college was chartered and was opened to students in 1845, but the first building was not completed until 1851. Women were admitted on an equal footing with men in 1874. New buildings were erected in 1883 and 1886. In 1889 a Theological Divinity Building was added, and a gymnasium in 1892. In 1895 the fiftieth anniversary was celebrated. The presidents have been: Ezra Keller, D.D., 1845–1848; Samuel Sprecher, D.D., LL.D., 1848–1874; John B. Helwig, D.D., 1874–1882; and S. A. Ort, D.D., LL.D., the present incumbent.

Organization: The college is governed by forty directors, of whom at least two must be alumni. Admission is by examination and on certificate. The curriculum, consisting of prescribed studies in the first two years, and of wholly elective studies during the last two years, leads to degrees of B.A. and B.S., with the master's degree after one year of graduate study. Gymnastic exercise is compulsory for freshmen and sophomores. Attendance at chapel is obligatory for all. The expenses for the year, lasting from September 10 to June 10, are $152.

Societies and Publications: The students publish the "Wittenberger," a weekly, and the "Cycle," a junior annual. They maintain five literary societies, two for men and two for women, with one for Germans; three political clubs, Republican, Democratic, and Prohibition; four religious societies; Pennsylvania Students' Association; Sketch, Archery, and Glee clubs, and an Athletic Association, with football and baseball teams. Chapters have been organized of: Φ Δ Θ, 1852–1854; Φ K Ψ, 1866; B Θ Π, 1867; A T Ω, 1883; and Φ Γ Δ, 1884.

Faculty.

Samuel Alfred Ort, D.D., LL.D., President, Christian Theology.
Samuel Sprecher, D.D., LL.D., Systematic Divinity.
B. F. Prince, Ph.D., Greek and History, and Librarian.
S. F. Breckenridge, D.D., Sc.D., Exegetical Theology.
L. A. Gotwald, D.D., Prac. Theol.
J. H. W. Stuckenberg, D.D., Social Problems.
A. F. Linn, Ph.D., Nat. Sci., Museum.
S. S. Keller, A.M., Mathematics.
G. H. Young, A.M.
K. F. R. Hochdoerfer, Ph.D., Modern Languages.
C. G. Heckert, A.M., English, Logic.
E. O. Weaver, A.M., Mathematics.
G. S. Murphy, A.B., Academy.
Alice M. Mower, A.M., Latin, English.
C. A. Wilson, A.M., Mod. Languages.
W. C. Pierce, Mathematics.
Leroy Lambert, Piano.
A. P. Bunker, Violin and Harmony.
Robert H. Hiller, Vocal Culture.
Sylvester Hulburt, Organ.

Mabel Adler, Guitar and Mandolin.
W. W. Arnold, Piano.
Georgia Shaw, Accompanist.
R. H. Hiller, Oils and Water Color.
Elizabeth W. Brain, Drawing.
Christian Schumacher, Painting.
D. O. Steinberger, Modelling in Clay.
Paul Henking, Landscape.
Eugenia Crane, Dresden Method.
Stella J. Moore, Wood Carving.
B. G. Printz, Physical Culture.
Grace Prince, A.M., Assist. Librarian.

WOMAN'S COLLEGE OF BALTIMORE.

Baltimore, Md. *Women.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$35,000	270	27	7	10,000

The college was founded by the Methodist Episcopal Conference of Baltimore in 1884. A charter was obtained in 1885, and the college was opened to students in 1888. By an amendment of the charter, in 1890, the powers of the corporation were enlarged. The trustees now number thirty-five, and there is a board of sixty visitors. The immediate government of the students is vested in a board of control.

Admission is by examination and by certificate. Elective courses are offered during the last three years. The degrees are A.B., and that of A.M. after prescribed graduate study of one year, and a fee of $25. Attendance at chapel and church is compulsory. The expenses for the year, lasting from September 15 to June 15, are $375, of which $125 is for tuition. Special fees are charged for instruction in art and music, for registration, and for diplomas. A deduction of $50 is made for the daughters of clergymen. Eight scholarships, equivalent to tuition, have been provided by as many churches of Maryland; two by citizens of Iowa, and one by a Pennsylvanian, with others for general excellence, and for graduates of specified secondary schools. The Morgan Fund of $60,000, and the Shirk Fund of $100,000 have been established to promote the study of the Bible and of German.

Among the college buildings, situated in the north central section of the city, are Goucher Hall, used for instruction only, Bennett Memorial Hall, containing the college gymnasium, with a swimming-bath and walking-track, and three homes, or dormitories. In addition to the seven buildings owned by the college, two are rented annually for purposes of instruction. Besides several well-equipped laboratories, and an herbarium, rich in Maryland specimens, there is an art-gallery of many paintings and etchings. The medical and hospital advantages of Johns Hopkins University are available to the students of this college, as are many of the public lectures at the university and at the Peabody Institute, the art-galleries and library of which, as well as the other public libraries of Baltimore, are likewise accessible to the students.

The Young Women's Christian Association maintains a Working Girls' Club, and there is another club for the study of social and

economic questions, besides many other social and charitable organizations, with a chapter of the College Settlements. Since 1892 more than sixty alumnæ have been graduated.

Faculty.

John F. Goucher, President.
John B. Van Meter, Psychology.
F. R. Butler, A.B., S.T.B., English.
William H. Hopkins, Ph.D., Latin.
Hans Frœlicher, Ph.D., German.
Jos. E. Shefloe, Ph.D., Romance Lang.
Lilian Welsh, M.D., Anatomy, etc.
Thaddeus P. Thomas, Ph.D., History.
Charles C. Blackshear, Ph.D., Chem.
Maynard M. Metcalf, Ph.D., Biology.
Mary C. Welles, A.B., Greek.
Emilie Bornet, French.
Frances M. Frœlicher, Ph.D., German.
Martha Bunting, Ph.D., Biology.
Arthur Bibbins, Ph.B., Geology.
Anna Van Vleck, A.M., Mathematics.
Agnes M. Lathe, A.M., English.
William H. Maltbie, Ph.D., Math.
Julia A. Orum, Voice.
E. W. Kennedy, A.B., History.
Eva Braun, Héléné Gihl, Physical Training.
Cecilia Gaul, Sophie M. Gieske, Piano.
Sopha C. Hall, Vocal Music.
Louis A. Rutter, Organ.
Matilda Schaefer, Anna D. Andrews, Art.
Alice H. Grady, Registrar.
Emma G. Hunter, A.B., Assistant Librarian.

WOFFORD COLLEGE.

Spartanburg, S. C. *Men.* *Methodist.*

Income,	Students,	Instructors,	Buildings,	Books,
$12,000	241	8	11	10,000

The Rev. Benjamin Wofford in 1850 left $100,000 for the foundation of this college. A charter was obtained in the following year, and instruction was begun in 1854. The college remained open during the Civil War. The presidents have been: W. M. Wightman, D.D., 1854–1858; A. M. Shipp, D.D., 1858–1875; and J. H. Carlisle, A.M., LL.D., since 1875. The trustees number thirteen. Admission is by examination. Candidates must be more than fourteen years old. Negroes are excluded. The usual college curriculum leads to the degree of A.B., and to that of A.M. after graduate study. Attendance at chapel is compulsory, but no gymnastic exercise or military drill. The expenses for the year, lasting from the first week day of October to the middle of June, are $150. Sons of clergymen are exempt from tuition charges.

The college grounds cover seventy acres. Connected with the college are a medical college and a training-school. Notable among the buildings are Alumni Hall and Wightman Hall. The students publish the "Wofford College Journal," and maintain the Calhoun and Preston Literary societies, a Christian Association, and Athletic Association, with football and baseball teams. Chapters have been organized of: Κ Α, 1869; Χ Φ, 1871; Φ Δ Θ, 1879; Rainbow, 1874-1877; and Σ Α Ε, 1885–1886.

Of the 432 graduates, nearly 400 are living, of whom the oldest is Samuel Dibble, LL.D., 1856, of Orangeburg, S. C.

Faculty.

James H. Carlisle, A.M., LL.D., President, Math. and Morals.
D. A. DuPré, A.M., Chemistry, Physics, and Geology.
J. A. Gamewell, A.M., Sec., Latin.
H. N. Snyder, M.A., English.
A. G. Rembert, A.M., Greek.
Rev. C. B. Smith, Metaphysics and Political Economy.
W. G. Blake, A.M., Mathematics.
A. B. Cooke, B.A., German, French.
S. M. Tucker, Librarian.

WORCESTER POLYTECHNIC INSTITUTE.

Worcester, Mass. *Men.* *Non-Sectarian.*

Income,	Students,	Instructors,	Buildings,	Books,
$60,000	200	30	7	6,500

History and Organization: The institute was founded by John Boynton, who gave $100,000. A charter was obtained in 1865, and instruction was begun three years later. The presidents have been: Charles O. Thompson, 1868–1882; Homer T. Fuller, 1882–1894; and T. C. Mendenhall, since 1894. The school is governed by a corporation of ten, with the mayor of the town as an *ex-officio* member.

Admission, Instruction, Degrees: Admission is by examination for candidates older than sixteen. All freshmen remain on probation until the middle of the first year. The course of instruction is identical for all until the middle of the second year, after which a system of elective courses gives opportunity for specialization. Five courses of four years each are offered, to wit: Mechanical, civil, and electrical engineering, chemistry, and general science, all leading to the degree of B.S. Graduate courses are offered in electricity.

Dues, Scholarships, and Prizes: Tuition is $160 for the year, lasting from September 14 to June 24. Other expenses aggregate $500, but this can be reduced in various ways. Scholarships yielding incomes of $150 are offered to a limited number of students from Worcester County. Twenty students from Massachusetts also receive free tuition annually, while others are similarly benefited by a fund given by George F. Hoar, and the income of $6,000 is awarded to the best six scholars of the graduating class.

Equipment: The institute buildings, standing on grounds of twelve and a half acres, command a good view of the city. Boynton Hall contains a chapel, general library, and cabinets, with lecture-rooms. There are four well-equipped laboratories for physics, engineering, etc., and the ample machine-shops, named after Mr. Washburn, their donor

Societies and Publications: The students publish the "W. P. I," which devotes special attention to engineering topics, and maintain the Washburn Engineering Society, Current Topics Club, Camera Club, Glee Club, Christian Association, and Athletic Association, with football, baseball, and track teams, as well as a tennis club. Chapters have been organized of Q T V 1886; Φ Γ Δ and Σ A E.

Faculty.

T. C. Mendenhall, Ph.D., LL.D., President.
Geo. I. Alden, M.M.E., Mech. Engin.
George E. Gladwin, Drawing.
Milton P. Higgins, S.B., Sup't Shops.
J. E. Sinclair, Ph.D., Higher Math.
Alonzo S. Kimball, Ph.D., Physics.
U. W. Cutler, S.B., Mod. Lang.
L. P. Kinnicutt, S.D., Chemistry.
George H. White, S.B., Civil Engin.
Levi L. Conant, Ph.D., Mathematics.
George H. Haynes, Ph.D., History.
Wm. W. Bird, S.B., Mech. Engin.
Walter L. Jennings, Ph.D., Chem.
Z. W. Coombs, A.M., Mod. Lang.
Sidney A. Reeve, M.E., Steam Engineering.
Robert C. Sweetser, S.B., Inorganic Chemistry.
Joseph O. Phelon, S.B., Physics.
A. L. Smith, S.B., Mechan. Drawing.
Joseph Beals, S.B., Physics, Mechan.
Daniel F. O'Regan, S.B., Chemistry.
A. D. Butterfield, S.B., Civ. Engin.
Chas M. Allen, S.B., Mechan. Engin.
Louis T. More, Ph.D., Physics.
Henry W. Badger, Woodwork.
George A. Mitchell, Machine Shop.
W. F. Cole, S.B., Shop Drawing.
John Jernberg, Blacksmithing.
Frank B. Williams, Moulding.
George I. Humphreys, Steam Boiler.
J. K. Marshall, Registrar.
Miss E. K. Francis, Librarian.

YALE UNIVERSITY.

New Haven, Conn. *Men.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
$729,681	2,500	236	25	225,000

History: The college was founded in 1701 by the Revs. John Pierpont, Andrew and Russel, of Branford and Milford, three graduates of Harvard, assisted by Cotton and Increase Mather, Eleazor Kimberly, John Eliot, and the Judges of the General Court, then in session at New Haven. The first gift to the projected school consisted of books from the libraries of each of the three founders, and of 637 acres of wild land given by Major James Fitch, who also agreed to furnish, without cost, the glass and nails for the college house. The charter only provided for a Collegiate School with a rector, tutors, and ushers, who might grant "degrees or licenses," to be governed by "Trustees, partners or undertakers," not more than eleven nor less than seven, all of whom were to be clergymen over the age of forty. No common seal was granted to the school, nor was it allowed to hold land exceeding an annual income of £500. Together with the charter an annual grant of £160 county pay, worth £60, was granted by the colony. The trustees first placed the school at Saybrook, provided for a baccalaureate course of three years, with three further years for the master's degree, and fixed the price of tuition at thirty shillings for under-graduates and ten shillings for graduates. In all other respects the trustees, ten of whom were graduates of Harvard, accepted the rules and regulations of that college as a standard. The first student was Jacob Heminway, who figures as "solus" in the college annals of 1702. He was followed by John Hart, who came from Harvard. The first degree was given to Nathaniel Chauncey, who passed all examinations, after mere private study.

The college by this time had been removed to Rector Pearsons's house at Killingworth, but commencements were held at Saybrook in a house given by Nathaniel Lynde. The war from 1710–1713 retarded the growth of the college. Still the colony during this period gave to the new school funds aggregating £600, while English donors, among them Richard Steele and Sir Izaak Newton, contributed some seven hundred books. In 1717 the first college hall was erected at the town of New Haven, which had offered £2,000 and eight acres, but owing to the division between the trustees concerning the best site, some of the students went to Saybrook, others to East Guilford, others to Wethersfield and Hartford, and others again to New Haven, according to their preferences and those of their tutors. As a consequence two commencements were held in 1717, one at Wethersfield, and one at New Haven, and degrees were granted from both places. In 1717 the general assembly advised the trustees to alternate their commencements between the two places, but this advice was rejected, and two commencements were once more held.

The controversy was ended by the gift of Elihu Yale, the former governor of Madras, whose official conduct and rapid acquisition of wealth had led to his recall to England. Cotton Mather wrote to him for help, promising the adoption of his name by the new college, and Governor Yale accordingly sent to New Haven three bales of goods, a portrait of George I., the royal coat of arms, and a box of books. This windfall forever crushed the aspirations of the Wethersfield faction. True to the promise of Cotton Mather, the new building was named after Yale, and the two houses of the legislature gave a vote of thanks to Governor Yale, inducing that gentleman to send another £100 worth of goods. In 1721 Elihu Yale died, leaving £500 to the school that bore his name; but for certain reasons the will could not be probated, and the money was lost to the college.

In 1722 Rector Cutler and several of the tutors, changed their faith from the Congregational Church to the Episcopal Church. This caused a profound sensation in the colony, and led to the enforced resignation of the apostates. As a consequence there ensued an interregnum of three years, during which the college was without rector or proper instruction, while the trustees attempted to carry out a plan of presiding over the college in turn, for one month at a time. At the end of this period the charter was amended, providing for a definite quorum among the trustees and other changes of government. The college rules at this time were preserved in manuscript, and had to be copied in Latin and Greek by each entering student. Thus students were to "avoid profane swearing, lying, needless asseverations, foolish garrulings, Chidings, strifes, railings, gesting, uncomely noise, spreading ill rumors, Divulging secrets, and all manner of troublesome and offensive behavour." "No student shall use ye Company or familiar acquaintance of persons of a Dissolute and unquiet life, nor intermeddle with men's business, nor intrude himself into ye Chambers of students, nor shall any undergraduate go att Courts, elections, Keeping high Days, or go a hunting, or fowling, without leave, nor shall any be out of his room after nine at night, nor have a light in his Chamber after eleven, nor before four

in ye morning." Punishment was by fines, though the rector in cases of need could give one box on the ear to freshmen or beginning sophomores. On commencement students were forbidden to make "provision for inebriating drink of any kind whatsoever, upon penalty of being degraded." Still, at times, even staid students got "six quarts of Rhum and about two Payls fool of Sydar and about eight pounds of Suger and mad it into Samson and evited every Scholer in Colege, and mad such prdigius Rought that the Tutor was aroused." Some thirty years later further prohibitions against drunkenness at commencement week had to be enacted. Thus "no candidate for degree was allowed to have more than "two gallons of wine." These rules continued in force until 1804, together with the so-called freshman laws, according to which freshmen had to perform personal services for all upper class men, remain uncovered in their presence, and indeed anywhere on the college premise, where they were likewise forbidden to run, or to call to any one out of the college windows, upon penalty of discipline from the sophomores. As late as 1862 students were still forbidden to "propagate disbelief," to "make an excursion in a sail boat without permission or to sail beyond the mouth of the harbor: to play at billiards, cards or dice, or any other unlawful game, or at any game for a wager, or to keep cards, or to furnish an engraved card of invitation for any college exhibition."

In 1729, Bishop Berkeley, the philosopher, who had left one of the richest preferments in England to found a college for the aborigines of Bermuda, came to Newport, as a convenient place of inquiry concerning the country, and became interested in Yale College. While waiting for the founding of his college he bought a farm where he wrote "Alciphron, or the Minute Philosopher," one of his greatest works. After his hopes for the heathen college were destroyed, he gave his farm, valued at £3,000 to Yale College, with a box of his most valuable books. When the news of this gift reached the college authorities, they were afraid to accept it "lest it should be clogged with Proselyting conditions" yet after Bishop Berkeley's liberal deed of gift had convinced them of the contrary, the authorities could do nothing better with the property than to dispose of it for a lease of 999 years, yielding no more than $140 a year, though the property is now valued at more than $100,000. After his return to England Bishop Berkeley later sent nearly a thousand more books, the finest collection that had yet reached America. To this collection, Benjamin Franklin, in 1752, added Bowers' "History of the Popes."

By a new charter of 1744 the Collegiate School became Yale College. Four years later Connecticut Hall, now South Middle, the oldest college building standing, was built on the proceeds of a lottery, and of a French prize taken by a Connecticut frigate. In 1763 the legislature made its first and last attempt to interfere with the college government, after a memorial asking for an inquiry into the "abuses of the college." During this period town and gown riots were of common occurrence. In 1761 one of these caused President Clap to print a public apology, in which he tried to shift the blame to the townsmen. In 1764 some Frenchmen tried to poison the whole student body. In 1803 a student was rescued from jail. In 1806 a pitched battle was fought with the "towners." Sailors attacked the

campus in 1811, in 1815, and in 1819. Further conflicts in 1819 and 1820, arising out of the alleged disinterments of bodies by medical students, led to the creation of the so-called "major and minor bullies," to lead the students in their warfare with the townsmen. Owing to another pitched battle between two student societies in 1840, class organizations were prohibited by the faculty, and this vote is in force to-day. Nevertheless there were further riots with the firemen in 1840, 1841, and 1843, in the last of which a tutor was killed. The "Yale Banner" was founded at this time as a special organ against the firemen. In 1854, after a disturbance in the concert hall, occurred the great riot in which one of the townsmen was stabbed to death by a student. The students fled to South College, which was presently beleaguered with cannon by the townsmen, who were only with difficulty appeased by the personal entreaties of the president and professors. The last of such riots was that of 1858 between firemen and students. Previous to this, in 1830, occurred the so-called Conic Sections Rebellion, when the students refused to recite in that study, a rebellion which was only quelled by the summary expulsion of forty-four students. This drastic step forever put an end to such conflicts between the student body and the faculty. A similar conflict over a religious controversy, nearly a hundred years earlier between 1772 and 1790, had led many students and several tutors to leave Yale for Dartmouth, one hundred and sixty miles distant. Thus that college was enriched by 121 Connecticut students, out of an entire attendance of 284, a defection which seriously crippled Yale.

During the War of the Revolution the college was twice suspended. At the first alarm of war many students rushed to arms, so that at the Battle of Bunker Hill no less than four of the officers were Yale men. When Washington came to New Haven the students formed a company, and with Noah Webster as their cornet, gave Washington his first military escort in New England. Among the Yale students and graduates who distinguished themselves during the war that followed were Nathan Hale, General Huntington, Major-General Wooster, Colonel Hitchcock, Colonel John Brown, Colonel Isaac Sherman, Roger Welles, Mark Hopkins, David Bushnell, Oliver Wolcott, General James Wadsworth, and many others. Instruction in the meanwhile was given at Farmington, Wethersfield, and Glastonbury, the college bell going to the latter place. In 1779, when the British took New Haven, volunteers went out with President Dagget of the college, to defend the town. Dagget was taken in the act of loading and discharging his musket and narrowly escaped with his life, through the intervention of one of his former pupils, a Tory. When asked whether he would again take up arms he answered, "I rather believe I shall, if I get a chance," and was so ill-used in consequence that he died the following year of his wounds. Commencements were not resumed until 1781.

Though a class of resident theological students had existed since the foundation of the college, regular professional schools were not added until the presidency of Day after 1817, when the Divinity, Medical, and Law schools were established in quick succession. Advanced instruction for graduates was not systematized until 1847, when the Graduate School was formally opened. The first degrees in

philosophy were given three years later. Scientific instruction was first given by Professor Silliman in 1842, but was not recognized as a special department until 1859, when the Sheffield Scientific School was organized. The Art School, succeeding the Trumbull Art Gallery, was created in 1864, with the Peabody Museum and Conservatory of Music following shortly afterward. In 1826 the first gymnasium and athletic grounds were equipped. In 1842 one of the students bought a boat, and created the Yale Navy. Three seven-oared boats, the "Pioneer," "Nautilus," and "Iris" were procured, besides an eight-oared sophomore boat, called the "Centipede." In 1852 the first boat race with Harvard was held on Lake Winnepesaukee, leading to a reorganization of the "navy" into six boat clubs and a commodore, a system which was afterward changed into four-year clubs in place of the class clubs. The first boathouse was built in 1859, the date of the first intercollegiate baseball game. Just previous to this the faculty abolished the annual football game between the freshmen and sophomores by reason of its roughness. Football as it is now played was not introduced until 1872. After the first freshman baseball game with Harvard had been won the freshmen were allowed to sit on the college fence, a privilege which has been lost by but two classes.

In 1869 the charter was amended to provide for the representation of alumni in the board of trustees, and in 1872 the corporation voted to elevate the college to the rank of a university, but this was not accomplished until 1887, when the charter was accordingly amended, and the name of Yale College limited to the academical department. Andrew H. Green's list of famous Yale alumni contains the names of one vice-president of the United States, seventeen cabinet officers, one chief justice of the United States, one chief justice of Canada, two national officers of the Hawaiian Islands, one minister plenipotentiary from China to the United States, three judges of the United States Supreme Court, one surgeon-general of the United States, fifty United States senators, twenty United States district judges, one circuit judge of the United States, twenty-two ministers plenipotentiary of the United States, one hundred and sixty state judges, four chancellors, one hundred and eighty-seven members of Congress, forty state governors, and ninety-two college presidents. Four Yale men, Livingston, Morris, Wolcott, and Hall, signed the Declaration of Independence; the same number, Dyer, Livingston, Johnson, and Baldwin signed the Federal Constitution.

The rectors and presidents, — all clergymen, the first six of whom were Harvard graduates, all the rest graduating from Yale, — have been: Abraham Pierson, 1701–1707; Samuel Andrew, 1707–1719; Timothy Cutler, 1719–1722; S. Andrew (second term), 1724–1725; Elisha Williams, 1725–1739; Thomas Clap, 1739–1766; Naphtali Daggett, 1766–1777; Ezra Stiles, 1777–1795; Timothy Dwight, 1795–1817; Jeremiah Day, 1817–1846; Theodore D. Woolsey, 1846–1871; Noah Porter, 1871–1886; and Timothy Dwight, 1886 to the present.

Organization: The legal designation of Yale is: The President and Fellows of Yale University in New Haven. The fellows number twenty-two, including the president, secretary, treasurer, and

auditor, with two *ex-officio* members. The university comprises four departments, each under a distinct faculty, to wit: philosophy and art, theology, medicine, and law. The first embraces the academical department or Yale College, with the Sheffield Scientific School, Graduate School, and the Schools of Fine Arts and Music, each with its own organization and corps of instructors. The Library, Peabody Museum, and Observatory have independent organizations. The dean of the college is responsible under the faculty for the juniors and seniors, while the lower class men are assigned to the care of individual instructors.

Admission, Instruction, Degrees: Students are admitted by examination only; certificates of standing elsewhere are not accepted in place of this examination, except in certain cases when a candidate brings evidence that he has passed the whole of a freshman year in good standing in another college. All candidates must have completed their fifteenth year of age. Written examinations may be undergone in June at New Haven, or in thirty-two of the principal cities of the United States. Supplementary examinations are held at New Haven in September. In the freshman year the course of study is prescribed, and is the same for all. In the second year six courses are prescribed and five elective. In the last two years four-fifths of the studies are elective, one hundred and seventy courses being offered, besides one hundred and twenty lecture courses. Attendance at chapel and church is compulsory. Gymnastic exercise is voluntary. The degrees are A.B., B.S., M.A., M.LL., B.C L., B.D., B.LL., B.Ph., C.E., M.E., LL.D., M.D., Ph.D., with further degrees in fine arts and music.

Dues, Scholarships, and Prizes: Tuition in the college and Sheffield Scientific School is $155 for the year, lasting from September 26 to June 25. In the other departments the annual charges for instruction are: Graduate School $100; Law School $100, or more if not paid in advance; Medical School $140 in first three years, with $50 for last year and diploma fee of $30; Musical Conservatory from $50 to $100, according to nature of studies; Art School $10 per month, with annual fee of $10.

The corporation offers $30,000 annually to aid needy students. In addition to a loan fund, there are fifty small scholarships yielding $115 each, besides which there are forty-seven scholarship funds aggregating $166,000, with thirty-seven scholarships yielding from $100 to $700 a year, five $400 fellowships, and twenty $100 scholarships, offered by the Graduate School. An annual fund of $1,500 is yearly expended for student services. Twenty-four premiums and prizes from $10 to $100 are offered for excellence in study, oratory, and composition. Seven prizes, from $20 to $100, are offered for public speaking, one prize of $75 for the best student of English literature, one prize of $250 for the best English essay, and a silver medal for political economy. In the Art School a prize of $1,500 is offered for two years' study abroad, with two $100 and two $20 prizes. The Conservatory of Music offers two $100 prizes, with one of $50, besides which any needy student showing marked talent may have tuition remitted in part or in its entirety. In the Divinity School where nothing is charged for tuition, students requiring aid

may receive $175, besides which there are ten $50 scholarships and two graduate fellowships yielding $500 and $600 a year, with other graduate scholarships of limited amounts. In the Medical School a gold medal and a prize of $140 are annually awarded.

Societies and Publications: The first student publication was the "Literary Cabinet" of 1806, which did not outlast the first year. It was followed by many equally short-lived undergraduate papers: "The Athenæum," 1814; "Yale Crayon," 1823; "Sitting Room," 1830; "Student's Companion," 1831; "Little Gentleman," 1831; "Medley," 1833; "Literary Quidnunc," 1838; "Collegian," 1841; "College Cricket," 1846; and "City of Elms," 1846. In 1836 was founded "The Yale Literary Magazine," the oldest college publication now in existence; and the "Yale Banner" followed in 1840. Besides these last two the existing publications are the "Yale Courant," "Record," "Pot-pourri," "Alumni Weekly," "Law Journal," and "Yale News," a daily.

The former societies were: Linonia, 1753; Brothers in Unity, 1768; Beethoven Society, 1812; Caliopean, 1819; and the Spade and Grave, 1864; Slyuna; Varuna; Nixie, and Undine. The present societies, with the dates of their foundation, are: Chi Delta Theta, 1821; Skull and Bones, 1832; Scroll and Key, 1842; Wolf's Head, 1883; Berzelius, 1848; Book and Snake, 1863; Ἡ Βουλή, 1875; the Book and Gavel, 1891, Financial Union; Choir, Glee, Banjo, and Mandolin clubs; Drum Corps; Class Organizations; University, Andover, Exeter, St. Paul's, Siglar, Lawrenceville, Hawaiian, Kings', St. Louis, and Renaissance clubs; Co-operative Society; Modern Language Club; Democratic and Republican clubs; Alumni Association; Hasty Eating and Mince Pie Club, Yale Union, Kent Club, Corbey Court, Y. M. C. A., and Athletic Association, with the well-known football elevens, crews, baseball nines, cricket eleven, lacrosse team, golf club, tennis association, boat and canoe clubs, shooting club, Dunham Boat Club, and chess club. Chapters of the following local and general fraternities have been organized: Φ B K, 1780; A Δ Φ, 1837; K Σ Θ, 1838; Ψ Υ, 1839; K Σ E, 1840; Δ K E, 1844; Δ K, 1845; A Σ Φ, 1846; Γ N, 1855; Δ B X, 1864; Σ Δ X, 1867; Θ Ξ, 1867; Δ Ψ, 1868; Φ Γ Δ, 1875; X Φ, 1877; X Φ, 1878; Θ Δ X, 1887; Φ Δ Φ, 1887; Σ N, 1888; Z Ψ, 1889; Δ E I, 1889; and others.

Nearly 17,000 alumni, in all, have been graduated, of whom more than 10,000 are living. The oldest of these is Charles L. Powell, 1823, of Alexandria, Va.

Faculty.

Rev. Timothy Dwight, D.D., LL.D., President.
Rev. George E. Day, D.D., Hebrew.
Rev. Samuel Harris, D.D., LL.D., Systematic Theology.
Rev. Jas. M. Hoppin, D.D., History of Art.
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Moses C. White, M.D., Pathology.
Hon. Francis Wayland, LL.D., Dean of Law School.
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George J. Brush, LL.D., Mineralogy.
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J. Sumner Smith, B.A., Assistant Librarian.
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John E. Clark, M.A., Mathematics.

Arthur M. Wheeler, M.A., History.
Robt. Brown, M.A., Observatory Sec.
Rev. Lewis O. Brastow, D.D., Homil.
Addison VanName, M.A., Librarian.
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Arthur W. Wright, Ph.D., Physics.
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Othniel C. Marsh, Ph.D., LL.D., Paleontology.
Eugene L. Richards, M.A., Mathematics and Gymnasium.
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Franklin B. Dexter, M.A., Asst. Lib.
Hon. Simeon E. Baldwin, LL.D., Constitutional Law.
Tracy Peck, M.A., Latin.
William H. Carmalt, M.D., Surgery.
Addison E. Verrill, M.A., Zoölogy.
Rev. Cornelius L. Kitchel, M.A., Greek.
William G. Sumner, LL.D., Political and Social Science.
Rev. George T. Ladd, D.D., LL.D., Metaphysics.
Chas. H. Smith, LL.D., Amer. Hist.
Jules Luquiens, Ph.D., Mod. Langs.
Sidney I. Smith, M.A., Comp. Anat.
William G. Mixter, M.A., Chemistry.
Henry P. Wright, Ph.D., LL.D., Latin.
Henry S. Williams, Ph.D., Geology.
Henry A. Beers, M.A., English Lit.
A. Jay DuBois, Ph.D., Civ. Engin.
Bernadotte Perrin, Ph.D., LL.D., Greek.
Edward S. Dana, Ph.D., Physics.
Thomas D. Seymour, LL.D., Greek.
Charles S. Hastings, Ph.D., Physics.
Morris F. Tyler, M.A., LL.B., General Jurisprudence.
Hon. William K. Townsend, D.C.L., Contracts.
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William Beebe, B.A., Astronomy.
Andrew W. Phillips, Ph.D., Math.
George B. Adams, Ph.D., History.
Arthur H. Palmer, M.A., German.
Louis S. DeForest, M.D., Medicine.
George D. Watrous, D.C.L., Contracts and Torts.
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Samuel S. Keller, M.A., Mathematics.
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Walter I. Lowe, B.A., History.
J. C. Tracy, C.E., Civil Engineering.
R. A. McDonnell, M.D., Dermatol.
R. S. Baldwin, B.A., M.L., Quiz-clubs.
Wm. C. Marshall, M.E., Mechanical Engineering.
Robert E. Peck, M.D., Med. Clinic.
Alexander W. Evans, M.D., Botany.
Henry T. Fowler, B.A., Bib. Lit.
Robert C. Morris, D.C.L., French.
H. L. Wheeler, Ph.D., Organ. Chem.
George P. Starkweather, M.E., Applied Mechanics.
Henry A. Bumstead, B.A., Physics.
C. E. Seashore, Ph.D., Psychol. Lab.
Percy T. Walden, Ph.B., Chemistry.
Warren A. Spalding, Pharmacy.
Miles A. Pond, Ph.B., Drawing.
Francis M. Adams, Ph.B., Physics.
D. Albert Kreider, Ph.B., Chemistry.
Clarence C. Wilson, B.A., Mechanism.
Theoph. Nelson, Ph.B., Mathematics.
B. B. Boltwood, Ph.B., Analytical Chemistry.

Otis G. Bunnell, Ph.B., French.
Chas. J. Bartlett, M.D., Pathology.
Fred'k L. Dunlap, S.D., Chemistry.
Jas. A. Moore, M.D., Med. Clinic.
Wm. A. Granville, Ph.B., Math.
Wm. T. H. Howe, Ph.B., Chemistry.
C. A. Ingersoll, Ph.B., Descriptive Geometry.
Alton W. Peirce, B.A., Chemistry.
Joseph H. Pratt, Ph.B., Mineralogy.
George H. Langzettel, Art School.
Wm. H. Parker, B.S., Chemistry.
C. S. Lamb, M.D., Surgical Clinic.
H. B. Jepson, B.A., Mus.B., Organ.
Wm. J. Gies, Ph.B., Physiol. Chem.
Frederic C. Spencer, Ph.B., Physics.
E. B. Hurlburt, Ph.B., Chemistry.
Isidor Troostwyk, Violin.
Ernst H. Arnold, M.D., Orthopaedic Surgery.
H. W. Foote, Ph.B., Analytical Chem.
Wm. F. Foster, M.L., Quiz Clubs.
John J. Fredericks, Ph.B., Chem.
Geo W. Mixter, Ph.B., Physics.
Isaac K. Phelps, A.B., Chemistry.
R. F. Rand, Ph.B., Physiol. Chem.
H. M. Snyder, B.A., Physical Lab.
Lynde P. Wheeler, Ph.B., Physics.
Edward T. Buckingham, B.A., Ass't Librarian, Law School.
R S. Alexander Law Registrar.
L. E. Osborn, Clerk in Scientific School.
F. E. Hotchkiss, Grounds, B'ld'gs.
W. Haskell, Ph.D., Reading Room.
Annie E. Hutchins, H. R. Gruener, Henrietta C. Gilbert, Jessie C. Harger, and George A. Johnson, Assistant Librarians.
John Q. Tilson, M.L., Proctor.
Wm. H. Sallmon, B.A., Supt. of Dwight Hall.

YANKTON COLLEGE.

Yankton, S. D. *Co-Educational.* *Congregational.*

Income,	Students,	Instructors,	Buildings,	Books,
	316	13	4	5,500

This college was founded in 1882, and is the oldest college in the Dakotas. It is governed by eight trustees and a corporation of thirty-three. The presidents have been the Rev. Joseph Ward, the chief promoter of the new college, 1882–1889; Rev. D. F. Bradley, *ad interim;* Albert T. Free, till 1895, and Rev. H. K. Warren, the present incumbent.

Admission is on certificate and by examination. The usual curriculum leads to degrees of B.A., B.S., and B.Ph., and to that of M.A. after one year of graduate study. Studies are largely elective during the last two years. Attendance at chapel is compulsory. The expenses for the year, lasting from September 16 to June 23, are $130. Some eighty dollars are annually distributed in prizes, of which one half are available for women. Poor students receive aid from several educational societies. A number of scholarships, equivalent to tuition, are also available.

The college grounds cover one hundred acres, of which eighty are devoted to the athletic park, while twenty form the campus. The students maintain two literary societies; a Conservatory Club; the Olympia, an athletic club; a branch of the National Oratorical Association, and two Christian Associations. Since 1887 sixty alumni have been graduated, the oldest of whom is Prof. G. G. Wenzloff, 1888, of Yankton.

Faculty.

Rev. Henry K. Warren, M.A., Pres.
William J. McMurtry, M.A., Greek.
Henry H. Swain, M.A., Economics.
Franklin L. Stead, Music.
G. G. Wenzloff, M.A., German and Philosophy.
Edith M. Hall, M.A., Latin.
Elmer K. Eyerly, M.A., Rhetoric.
Geo. A. Clark, M.Ph., Nat. Sciences.
Alice R. Kingsbury, B.A., Lady Principal.
George W. Nash, M.S., Mathematics.
Rev. C. W. Lay, B.A., Bible and Elocution.
Mrs. A. C. Staufer, Vocal Music.
Mary G. Kennedy, Drawing, Painting.
Alice L. Talcott, Piano.
Hattie Dibble, M.S., Matron.

YORK COLLEGE.

York, Neb. *Co-Educational.* *United Brethren.*

Income,	Students,	Instructors,	Buildings,	Books,
——	204	10	1	1,000

The college, which was the outgrowth of the Gibbon Collegiate Institute, was chartered in 1890. It is governed by seventeen trustees. Admission is on certificate or by examination. Five courses in the classics, sciences, literature, philosophy, and normal branches lead to degrees of B.A., B.L., and in didactics. Attendance at chapel is compulsory. The expenses for the year, lasting from September 9 to June 16, are $125.

The students maintain two literary societies: the Amphyction (for men), and Philomathean (for women), two Christian Associations, and a Foreign Mission Band. A chapter of Π Β Φ was organized in 1884 and lasted four years.

Faculty.

W. S. Reese, Ph.M., President, Mathematics and Philosophy.
Abbie C. Burns, A.M., Mod. Lang.
Maud A. Bradrick, A.B., Greek and Latin.
J. E. Maxwell, A.M., Nat. Science.
C. N. Hinds, A.M., Hist., English.
T. R. Hamlin, Commercial Branches and Drawing.
Daniel Brown, Shorthand, Typewriting.
Mrs. D. E. Sedgwick, Music.
Myrtle M. Stoner, Art.

MISCELLANY.

DEGREES.

LIST OF ACADEMIC AND PROFESSIONAL DEGREES WITH THEIR ABBREVIATIONS.

A DEGREE according to the dictionaries is one of a succession of steps, grades or stages, as exemplified by the Latin phrase "gradus ad Parnassum." In universities and colleges a degree is an academical rank conferred by a diploma, originally giving the right to teach. The earliest degree was that of *master*, which in the University of Bologna, and others modelled after this school (as were the faculties of law in all the mediæval universities) was called the degree of *doctor*, i.e. teacher.

Afterward the lower degree of *determinant* (later called bachelor) was introduced, and the intermediate degree of *licentiate;* but these were not regular degrees, except in the faculty of arts. The degree of bachelor was conferred by the "nation" of the faculty of arts; the others were given by the chancellor, by authority of the Pope. Thus, the mediæval degrees were:

1st, Determinant or Bachelor of Arts, without a diploma. 2d, Licentiate. 3d, Master of Arts. 4th, Master or Doctor of Theology. 5th, Master or Doctor of Medicine. 6th, Doctor of Laws.

The question has been raised whether the degree of B. A. standing for Bachelor of Arts can properly be conferred upon women. Inasmuch as the original word, *baccalaureus* means "one crowned with bay" and retains the same meaning in the feminine form *baccalaurea*, there seems to be no valid reason why the degree should not be extended to women, as was done by the University of Bologna, the oldest co-educational school, from the very beginning.

With the degree of M. A. standing for Master of Arts, the fact that the English word *mistress* like the Latin *magistra* bears the same initial as the masculine form, gives sufficient justification. Nevertheless the specific degree of "Maid" and "Mistress" is conferred by certain American colleges.

The following table exhibits the abbreviations and titles of the principal degrees conferred by universities and other educational institutions. Where the requirements of study are given it will be understood that the average requirements, or those of the principal colleges are meant. The sign + indicates that the degree is no longer conferred.

A.A. + ANALYTICAL ASTRONOMER.

A.B. ARTIUM BACCALAUREUS OR BACCALAUREA. Same as B.A. and B.L.A. The usual academic degree as distinguished from those given by schools of science. Course in United States, four years; in Great Britain, three years.

A.C. ANALYTICAL CHEMIST. Four years' course.

A.D.B. + BACHELOR OF DOMESTIC ARTS. Course for women.

Agr.B. BACHELOR OF AGRICULTURE. Same as B.Agr., B.Ag., B.A.S., B.S.A., B.S. in Agr. Four years' course.

Agr.M. MASTER OF AGRICULTURE. Same as M.Agr. and M.S.A. for holder of B.Agr.; one year's graduate work.

A.M. ARTIUM MAGISTER. Same as M.A. Either honorary three years after A.B., or after one or two years of graduate study.

A.M.B. BACHELOR OF MECHANIC ARTS. Three years' course of engineering.

A.M.M. MASTER OF MECHANIC ARTS. For holders of A.M.B.; additional year's study and examination.

A.O.M. MASTER OF OBSTETRIC ART.

Archt. ARCHITECT. For Bachelors of Science (in architecture) at the end of a graduate year.

B.A. BACHELOR OF ARTS. Same as A.B. and B.L.A.

B.Acct. BACHELOR OF ACCOUNTS. Course (usually less than a year) in business college or in the commercial departments of some colleges.

B.Agr. BACHELOR OF AGRICULTURE. Same as Agr.B., B.Ag., B.A.S., B.S.A.

B.Ar. BACHELOR OF ARCHITECTURE. Same as B.Arch. Four years' course.

B.Arch. BACHELOR OF ARCHITECTURE. Same as B.Ar.

B.A.S. BACHELOR OF APPLIED SCIENCE. Course in civil, mechanical, and mining engineering, or practical chemistry.

B.A.S.[2] BACHELOR OF AGRICULTURAL SCIENCE. Same as Agr.B., B.Agr., B.Ag., and B.S.A.

B.B.S. BACHELOR OF BUSINESS SCIENCE. Two years' collegiate and two years' business course.

B.C.[1] BACHELOR OF CHEMISTRY. Same as B.Chem. and B.C.S. Four years' course.

B.C.[2] BACHELOR OF COMMERCE. Business departments of some colleges.

B.C.[3] BACCALAUREUS CHIRURGIÆ. Same as B.Chir., C.B., B.S.[2], and Chir.B. At end of third or fourth year for M.D.

B.C.E. BACHELOR OF CIVIL ENGINEERING. Four years' course.

B.Chem. BACHELOR OF CHEMISTRY. Same as B.C.[1] and B.C.S.[1]

B.C.L. BACHELOR OF CIVIL LAW. After course in law school. Same as B.L. and LL.B.

B.C.S.[1] BACHELOR OF CHEMICAL SCIENCE. Same as B.C.[1] and B.Chem.

B.C.S.[2] BACHELOR OF COMMERCIAL SCIENCE.

B.D. BACHELOR OF DIVINITY. Three years' course in Theology.

B.E.[1] BACHELOR OF ELEMENTS. Two years' normal school course.

B.E.[2] BACHELOR OF ELOCUTION. One year's course.

B.E.[3] BACHELOR OF ENGINEERING. Preparatory course in engineering.

B.E.D. BACHELOR OF ELEMENTARY DIDACTICS. Three years' normal course.

B.E.L. BACHELOR OF ENGLISH LITERATURE. Four years' course in English Literature and allied branches. Same as B.L., B.Lit., and Lit.B.

B.F. + BACHELOR OF FINANCE.

B.F.A. BACHELOR OF FINE ARTS. Four years' course in arts.

B.Hy. BACHELOR IN HYGIENE. For registered medical practitioner. One year's study and examinations.

B. in Agr. Same as Agr.B., B.Agr., and B.A.S.[2]

B.L.[1] BACHELOR OF LAWS. For completing a course in a law school. Same as B.C.L., B.LL., and LL.B.

B.L.[2] BACHELOR OF LITERATURE. Four years' course in English Literature and allied branches. Same as B.Lit. and Lit.B.

B.L.A. BACHELOR OF LIBERAL ARTS. Same as A.B. and B.A.

B.Lit. BACHELOR OF LITERATURE. Same as B.L.[2] and Lit.B.

B.LL. BACHELOR OF LAWS. Same as B.L.[1]

B.L.S. BACHELOR OF LIBRARY SCIENCE. For graduates or students of two years' standing, after examination, thesis, and bibliography.

B.M.[1] BACHELOR OF MEDICINE.

B.M.[2] BACHELOR OF MUSIC. Four years' course. Same as B.Mus.

B.M.[3] BACHELOR OF METALLURGY. Four years' course.

B.M.E. BACHELOR OF MECHANICAL ENGINEERING. Four years' course.

B.Mus. BACHELOR OF MUSIC. Same as B.M.[2]

B.N.S. BACHELOR OF NATURAL SCIENCE. Four years' college course in which the study of the natural sciences takes the place of Latin and Greek. Same as B.S.[1] and B.Sc.

B.O. BACHELOR OF ORATORY. Two years' course. Same as O.B.

B.O.L. BACHELOR OF ORIENTAL LITERATURE. Ranks with B.Lit.

B.P. BACHELOR OF PAINTING. Four years' course.

B.Ph. BACHELOR OF PHILOSOPHY. Four years' course, largely scientific, with modern languages taking the place of the classics, or of Greek.

B.S.[1] BACHELOR OF SCIENCE. Same as B.N.S. and B.Sc.

B.S.[2] BACHELOR OF SURGERY. For Bachelors of Medicine who pass examination in surgery. Same as B.C.[3], C.B., and Chir.B.

B.S.A. BACHELOR OF SCIENTIFIC AGRICULTURE. Same as Agr.B., B.Agr., and B.A.S.

B.Sc. BACHELOR OF SCIENCE. Same as B.N.S. and B.S.[1]

B.S.D. BACHELOR OF SCIENTIFIC DIDACTICS. Four years' normal course.

C.B. CHIRURGIÆ BACCALAUREUS. Same as B.C., B.Chir., B.S.,[2] and Chir.B.

C.E. CIVIL ENGINEER. Four years' course, or post graduate.

Ch.D. DOCTOR OF CHEMISTRY. Ranking with Ph.D. Same as Dr.Chem.

Chir.B. CHIRURGIÆ BACCALAUREUS. Same as B.C., B. Chir., B.S.,[2] and C.B.

Chir.Doct. CHIRURGIÆ DOCTOR. Doctor of Surgery.

C.M. CHIRURGIÆ MAGISTER. For holder of B.M. and B.S.[2] Two years' hospital work in surgery and advanced examinations. Same as M.C., M.Ch., and M.S.[2]

D.Æ. DOCTOR OF ÆSTHETICS. Honorary.

D.B. BACHELOR OF DIDACTICS. Two years' post graduate, normal course.

D.C.L. DOCTOR OF CIVIL LAW. Two years' post graduate course after LL.B. or B.C.L. Ranking nearly with LL.D.

D.Cn.L. DOCTOR OF CANON LAW. Honorary.

D.D. DOCTOR OF DIVINITY. Honorary.

D.D.S. DOCTOR OF DENTAL SURGERY. Three years' course. Same as D.M.D., L.D.S., M.D.S.

D.E. DYNAMICAL ENGINEER. Two years' graduate course in mechanical engineering.

D.Hy. DOCTOR OF HYGIENE. After B.Hy. After two years' practice, essay and examination.

D.L.[1] DOCTOR OF LAW. Nearly same as D.C.L.

D.L.[2] DOCTOR OF LETTERS OR LITERATURE. For holder of B.L. and B.Lit. Two years' post graduate course. Same as D.Lit. and Lit.D.

D.L.S. DOCTOR OF LIBRARY SCIENCE. Honorary.

D.M.[1] DOCTOR OF MEDICINE. For holder of B.M.[1] and M.B.[1] Four years' course. Same as M.D.

D.M.[2] DOCTOR OF MUSIC. For holder of B.Mus. Four years' graduate course. Also honorary. Same as D.Mus. and Mus.D.

D.M.[3] DOCTOR OF MATHEMATICS.

D.M.D. DOCTOR OF DENTAL MEDICINE. Three years' course. Same as D.D.S.

D.Mus. DOCTOR OF MUSIC. Same as D.M.[2] and Mus.D.

Doc.Eng. DOCTOR OF ENGINEERING. Honorary. Same as E.D.

D.O. DOCTOR OF ORATORY.

D.P.[1] DOCTOR OF PHARMACY. Same as D.Phar. and Phar.D.

D.P.[2] DOCTOR OF PHILOSOPHY. Same as Ph.D.

D.P.H. (English). DIPLOMA OF PUBLIC HEALTH. (Sanitation). Conferred by some English universities, though not properly a degree.

Dr.Bot. DOCTOR OF BOTANY. European degree ranking with Ph.D.[1]

Dr.Chem. DOCTOR OF CHEMISTRY. European degree ranking with Ph.D. Same as Ch.D.

Dr.Nat.Hist. DOCTOR OF NATURAL HISTORY. European degree ranking with Ph.D. Same as N.H.D.

Dr.Nat.Phil. DOCTOR OF NATURAL PHILOSOPHY. European degree ranking with Ph.D.

Dr.Nat.Sc. DOCTOR OF NATURAL SCIENCE. For holder of B.N.S.

Dr.Phil. DOCTOR OF PHILOSOPHY. A European degree ranking with Ph.D.

Dr.Philol. (rare). DOCTOR OF PHILOLOGY. Ranks with Ph.D.

Dr.Phys.Sc. DOCTOR OF PHYSICAL SCIENCE. Same as D.P.S.

Dr.Z. DOCTOR OF ZOÖLOGY. Same as D.Z. and Dr.Zoöl.

Dr.Zoöl. Same as Dr.Z. and D.Z.

D.Sc.D. DOCTOR OF SCIENCE AND DIDACTICS.

D.S. DOCTOR OF SCIENCE. For holder of B.S. and B.Sc. Two years' graduate course in Science. Same as D.Sc.

D.Sc. DOCTOR OF SCIENCE. Same as D.S.

D.T. DOCTOR OF THEOLOGY. Same as D.D.

D.V.M. DOCTOR OF VETERINARY MEDICINE. Three years' course. Same as M.D.V. and V.M.D.

D.V.M.S. DOCTOR OF VETERINARY MEDICINE AND SURGERY. Three years' course. Similar to D.V.M., M.D.V., and V.M.D.

D.V.S.[1] DOCTOR OF VETERINARY SCIENCE. Three years' course.

D.V.S.[2] DOCTOR OF VETERINARY SURGERY.

D.Z. DOCTOR OF ZOÖLOGY. Same as Dr Z. and Dr.Zoöl.

E.D. DOCTOR OF ENGINEERING. Same as D.E.

E.E. ELECTRICAL ENGINEER. Four years' course.

E.M. ENGINEER OF MINES. Four years' course in Mining and Underground Surveying.

G.P. GRADUATE IN PHARMACY. Two years' course.

J.C.D. JURIS CIVILIS DOCTOR. Same as D.C.L.

J.U.D. JURIS UTRIUSQUE DOCTOR. Doctor of both Canon and Civil Law. Same as L.U.D. and U.J.D.

L.A. LITERATE IN ARTS. Ranks with M.A. Same as LL.A.

L.B. BACHELOR OF LITERATURE. Same as B.L., B.Lit., Lit.B., and L.E.L.

L.D. DOCTOR OF LETTERS. Honorary. Ranks with L.H.D.

L.D.S. LICENTIATE IN DENTAL SURGERY. Same as D.D.S., D.M.D., and M.D.S.

L.E.L. LAUREATE IN ENGLISH LITERATURE Same as B.L., B.Lit., L.B., and Lit.B.

L.H.D. LITTERARUM HUMANIORUM DOCTOR. Doctor of Humanities. Honorary degree, ranking with LL.D.

L.I. LICENTIATE OF INSTRUCTION. Three years' normal course.

Lit.B. or Litt.B. LITTERARUM BACCALAUREUS. Same as B.L., B.Lit., L.B., and L.E.L.

Lit.D. or Litt.D. Doctor of Literature. Same as D.L.[2] and D.Lit.

Lit.M. or Litt.M. Master of Literature. Same as M.L. and M.Lit.

LL.A. LITERATE IN ARTS. Form used for women. Same as L.A.

LL.B. BACHELOR OF LAWS. After course in a law school. Same as B.C.L. and B.L.[1]

LL.D. DOCTOR OF LAWS. Honorary, or after advanced course in Law.

LL.L. LICENTIATE IN LAW. Ranks with M.L.[1], M.C.L., and LL.M.

LL.M. MASTER OF LAWS. Usually conferred on LL.B. after one graduate year.

L.M.[1] LICENTIATE IN MEDICINE. Ranks with B.M.[1] and M.D.

L.M.[2] LICENTIATE IN MIDWIFERY. After special examination.

M.A.[1] MASTER OF ARTS. Honorary, or for graduate work. Same as A.M.

M.A.[2] MAID OF ARTS. Course in a College for women.

M.Acct. MASTER ACCOUNTANT. For holder of B.Acct., or equivalent to it.

Ma.E. MASTER OF ENGINEERING. For holder of B.A.S.[1], after three graduate years of practice and examination.

M.Agr. MASTER of AGRICULTURE. For holder of B.Agr. One year's graduate work. Same as Agr.M., M.S.A.[1].

M.Ap.Sc. MASTER OF APPLIED SCIENCE. For holder of B.A.S. of three years' standing and examination. Same as M.A.S.

M.Ar. MASTER OF ARCHITECTURE. For holder of B.Ar.

M.A.S. MASTER OF APPLIED SCIENCE. Same as M.Ap.Sc.

M.B.[1] BACHELOR OF MEDICINE. After three or four years of M.D. course. Same as B.M.[1].

M.B.[2] BACHELOR OF MUSIC. Same as B.Mus. and Mus.B.

M.B.Sc. MASTER OF BUSINESS SCIENCE For holders of B.B.S. after one year o graduate study.

M.C. MAGISTER CHIRURGIÆ. Same as C.M., Ch.M., M.Ch., M.S.[2], and S.M.

M.C.D. DOCTOR OF COMPARATIVE MEDICINE. For holder of M.D. after course in Veterinary Medicine.

M.C.E. MASTER OF CIVIL ENGINEERING. For holder of C.E. after one year of graduate work.

M.Ch. MAGISTER CHIRURGIÆ. European degree ranking with M.D. Same as Ch.M., C.M., M.C., M.S.[2], and S.M.

M.C.L. MASTER OF CIVIL LAW. For holder of B.C.L. After one year o graduate study.

M.D. DOCTOR OF MEDICINE. For holder of B.M.[1] and M.B.[1] After four years' course. Same as D.M.[1]

M.D.,C.M. DOCTOR OF MEDICINE AND MASTER OF SURGERY. Ranks with M.D.

M.D.E. MASTER OF DOMESTIC ECONOMY. Iowa University, two years' course. *See* A.D.B. and A.D.M.

M.D.S. MASTER OF DENTAL SURGERY. After examination, or for holders of L.D.S. Ranks with D.D.S. and D.M.D.

M.D.V. DOCTOR OF VETERINARY MEDICINE. Same as D.V.M.

M.E.[1] MECHANICAL ENGINEER. Four years' course, also for holders of B.E. or B.M.E. and members of the American Society of Mechanical Engineers.

M.E.[2] MASTER OF ELEMENTS. For holder of B.E.[1] Two years' teaching.

M.E.[3] MAID IN ENGLISH. Course in college for women.

M.E.C.L. MISTRESS OF ENGLISH AND CLASSICAL LITERATURE.

M.E.D. MASTER OF ELEMENTARY DIDACTICS. For holder of B.E.D. After two years' teaching.

M.E.L. MASTER OR MISTRESS OF ENGLISH LITERATURE. Same as Lit. M. and M.Lit.

M.G.[1] GRADUATE IN MUSIC. Four years' course.

M.G.[2] MEDICAL GYMNAST. A Swedish degree after three years' course.

M.H. MASTER OF HORTICULTURE Honorary and graduate.

M.L.[1] MASTER OF LAW. For holder of LL.B. After one year's graduate course. *See* LL.M. and M.C.L.

M.L.[2] MASTER OF LITERATURE. For holder of B.Lit. After one year's graduate work. Same as M.Lit., Lit.M M.E.L., etc.

M.L.A. MASTER OR MISTRESS OF LIBERAL ARTS. Indicates same M.A.

M.Lit. MASTER OF LITERATURE. Same as M.L.[2], etc.

M.L.S. MASTER OF LIBRARY SCIENCE. For holder of B.L.S. After five years' library work. *See* B.L.S. and D.L.S.

M.M.E. MASTER OF MECHANICAL ENGINEERING. For holder of M.E.[1] After two years' standing, thesis and examination.

M.Mus. MASTER OF MUSIC. For holder of B.Mus. After three years' deserving composition and examination.

M.O. MASTER OF ORATORY. Three years' course. *See* B.E.[2] and B.O.

M.P. MASTER OF PAINTING. For holder of B.P. after three years' original painting and examination. Often confused with M.P., standing for Member of Parliament.

M.Ph. MASTER OF PHILOSOPHY. For holder of B.Ph. After one year.

M.P.L. MASTER OR MISTRESS OF POLITE LITERATURE. Indicates same as M Lit.

M.S.[1] MASTER OF SCIENCE. For holder of B.Sc. One year's resident or three years' non-resident graduate study and examination.

M.S.[2] MASTER OF SURGERY. For B.M.[1] and B.S.[2] After two years' hospital surgery and advanced examination.

M.S.A.[1] MASTER OF SCIENTIFIC AGRICULTURE. Indicates same as M.Agr.

M.S.A.[2] MISTRESS OF SCIENCE AND ARTS. Indicates same as M.A.

M.Sc. MASTER OF SCIENCE. Same as M.S.[1]

M.S.D. MASTER OF SCIENTIFIC DIDACTICS. For holder of B.S.D. After two years' teaching.

Mus.B. BACHELOR OF MUSIC. Same as B.Mus.

Mus.D. DOCTOR OF MUSIC. Same as D. Mus.

Mus.M. MASTER OF MUSIC. Same as M.Mus.

M.V. MEDICUS VETERINARIUS. Veterinary Physician. Course of four or five years.

M.V.D. DOCTOR OF VETERINARY MEDICINE. Same as D.V.M.

Nat.Sc.D. DOCTOR OF NATURAL SCIENCE. European degree ranking with Ph.D.

N.H.D. DOCTOR OF NATURAL HISTORY. Same as Dr. Nat. Hist.

O.B. BACHELOR OF ORATORY. Same as B. O.

O.M.V. MASTER OF OBSTETRICS OF VIENNA. Special examination.

P.C. PRACTICAL CHEMIST. For Bachelor of Science in Chemistry after one graduate year.

P.D. DOCTOR OF PHILOSOPHY. Same as Ph.D.

Pd.D. DOCTOR OF PEDAGOGY. Seven years after college graduation, two years' course and examination.

Pd.M. MASTER OF PEDAGOGY. Three years after graduation after one year's course.

Pe.B. BACHELOR OF PEDAGOGICS. For holders of B.Sc. or B.A. Two semesters of normal school instruction.

Phar.D., *Pharm.D.* DOCTOR OF PHARMACY. For holder of Ph.G., honorary, same as D.P. and Ph.D[2].

Pharm.M. MASTER OF PHARMACY. For holder of Ph.C. after one year's graduate study.

Ph.B. BACHELOR OF PHILOSOPHY. Same as B.Ph.

Ph.C. PHARMACEUTICAL CHEMIST. Two years' course.

Ph.D. DOCTOR OF PHILOSOPHY. After two years of graduate study in almost any non-technical branches.

Ph.D[2]. DOCTOR OF PHARMACY. Same as Phar.D.

Ph.G. GRADUATE IN PHARMACY. Two years' course.

Ph.M. Master of Philosophy. Same as M.Ph.

R.P.D. RERUM POLITICARUM DOCTOR. DOCTOR OF POLITICAL SCIENCE. German degree ranking with Ph. D.

S.B., *Sc.B.* BACHELOR OF SCIENCE. Same as B.Sc.

Sc.D. DOCTOR OF SCIENCE. Same as S.D. and D.S.

Sc.M. MASTER OF SCIENCE. Same as M.S.[1], M.Sc., and S. M.

S.D. DOCTOR OF SCIENCE. Same as D.S., D.Sc., and Sc.D.

S.M. MASTER OF SCIENCE. Same as M.S., M.Sc., and Sc.M.

S.T.B. SACRÆ THEOLOGIÆ BACCALAUREUS. BACHELOR OF THEOLOGY. Indicates same as B.D.

S.T.D. SACRÆ THEOLOGIÆ DOCTOR. DOCTOR OF DIVINITY. Indicates same as D.D.

T.E. TOPOGRAPHICAL ENGINEER. Four years' course.

U.J.D. UTRIUSQUE JURIS DOCTOR. Doctor of both canon and civil law. Same as J.U.D. Indicates same as LL.D.

V.M. DOCTOR OF VETERINARY MEDICINE. Same as M.V.

V.M.D. VETERINARIÆ MEDICINÆ DOCTOR. DOCTOR OF VETERINARY MEDICINE. Same as D.V.M.

V.S. VETERINARY SURGEON. Two years' course and examination. May be used by any graduate in veterinary science.

Z.D. ZOOLOGIÆ DOCTOR. Same as D.Z., Dr.Z., and Dr.Zool. Ranks with Ph.D.

COLLEGE FRATERNITIES.

Showing Place and Date of their Foundation.

Name.	Letters.	Place.
Agricultural Scientific	A D G K & Q T. V.	Mass. Agricultural College
Alpha Chi Omega	A X Ω	De Pauw
Alpha Delta Phi	A Δ Φ	Hamilton
Alpha Digamma	A F	Marietta
Alpha Epsilon Iota	A E I	Michigan
Alpha Gamma	A Γ	Cumberland University
Alpha Kappa	A K	Marietta
Alpha Kappa Phi	A K Φ	Centre College
Alpha Nu	A N	Michigan
Alpha Omega	A Ω	Cornell
Alpha Phi	A Φ	Syracuse
Alpha Phi Sigma	A Φ Σ	University of Pacific
Alpha Sigma Phi	A Σ Φ	Yale
Alpha Sigma Pi	A Σ Π	Norwich
Alpha Tau Omega	A T Ω	Virginia Military Institute
Alpha Zeta	A Z	Cornell
Alpha Zeta (literary)	A Z	Oberlin, Shurtleff
Beta Delta Beta	B Δ B	Syracuse
Beta Theta Pi	B Θ Π	Miami
Beta Sigma Omicron	B Σ O	Missouri
Berzelius	Σ A Θ	Yale
Chi Delta Theta	X Δ Θ	Yale
Chi Phi	X Φ	Princeton
Chi Psi	X Ψ	Union
Corax	I K A	Trinity
Delta Beta Phi	Δ B Φ	Cornell
Delta Beta Xi	Δ B Ξ	Yale
Delta Delta Delta	Δ Δ Δ	Boston
Delta Epsilon	Δ E	Roanoke
Delta Epsilon Iota	Δ E I	Yale
Delta Gamma	Δ Γ	Mississippi
Delta Kappa	Δ K	Yale
Delta Kappa Epsilon	Δ K E	Yale
Delta Mu	Δ M	University of Vermont
Delta Phi	Δ Φ	Union
Delta Phi (local)	Δ Φ	Delaware
Delta Psi	Δ Ψ	Columbia
Delta Psi (local)	Δ Ψ	University Vermont
Delta Psi (local)	Δ Ψ	Oakland
Delta Sigma Phi	Δ Σ Φ	Yale
Delta Tau Delta	Δ T Δ	Bethany
Delta Theta	Δ Θ	Lombard

Name.	Letters.	Place.	Date.
Delta Upsilon	Δ Υ	Williams	1834
Eclectic	Φ Ν Θ	Wesleyan	1837
Gamma Nu	Γ Ν	Yale	1859
Gamma Nu (local)	Γ Ν	Brown	1860
Gamma Phi Beta	Γ Φ Β	Syracuse	1874
Gamma Tau Sigma	Γ Τ Σ	Columbia	
Iota Alpha Kappa	Ι Α Κ	Union	1858
Kappa Alpha	Κ Α	Union	1825
Kappa Alpha (local)	Κ Α	University of North Carolina	1859
Kappa Alpha (Southern)	Κ Α	Washington and Lee	1865
Kappa Alpha Lambda	Κ Α Λ	Wesleyan	1864
Kappa Alpha Theta	Κ Α Θ	De Pauw	1870
Kappa Delta	Κ Δ	Alabama	1847
Kappa Kappa Gamma	Κ Κ Γ	Monmouth	1870
Kappa Kappa Kappa (Tri-Kap)	Κ Κ Κ	Dartmouth	1842
Kappa Phi Lambda	Κ Φ Λ	Wesleyan	1864
Kappa Sigma	Κ Σ	Virginia	1867
Kappa Sigma Epsilon	Κ Σ Ε	Yale	
Kappa Sigma Kappa	Κ Σ Κ	Virginia Military Institute	1867
Kappa Sigma Theta	Κ Σ Θ	Yale	
Lambda Beta Gamma	Λ Β Γ	Oxford (Miss.)	1887
Lambda Iota (Owl)	Λ Ι	University of Vermont	1836
Lone Star		Buchtel	1882
Mu Sigma Alpha	Μ Σ Α	Michigan	1888
Mystical Seven		Wesleyan	1837
Nu Pi Kappa	Ν Π Κ	Kenyon	
Nu Sigma Nu	Ν Σ Ν	Michigan	1882
Omega Kappa Phi	Ω Κ Φ	Union Law College	1887
Omega Psi	Ω Ψ	University of North Carolina	1887
Phi Alpha	Φ Α	Michigan	1882
Phi Alpha	Φ Α	Illinois	
Phi Alpha Chi	Φ Α Χ	Virginia State College	1883
Phi Alpha Epsilon	Φ Α Ε	Washington and Lee	1884
Phi Alpha Psi	Φ Α Ψ	Alleghany	1885
Phi Alpha Sigma	Φ Α Σ	New York Medical College	1887
Phi Beta Kappa	Φ Β Κ	William and Mary	1776
Phi Chi	Φ Χ	University of Vermont	1889
Phi Delta	Φ Δ	Oberlin, Western Reserve, Mercer	
Phi Delta Kappa	Φ Δ Κ	Washington and Jefferson	1874
Phi Delta Phi	Φ Δ Φ	Michigan	1869
Phi Delta Theta	Φ Δ Θ	Miami	1848
Phi Gamma Delta	Φ Γ Δ	Jefferson	1848
Phi Kappa	Φ Κ	University of Georgia	
Phi Kappa Alpha	Φ Κ Α	Brown	1870
Phi Kappa Nu	Φ Κ Ν	South Western University	1890
Phi Kappa Psi	Φ Κ Ψ	Jefferson	1852
Phi Kappa Pi (local)	Φ Κ Π	Oberlin	
Phi Kappa Sigma	Φ Κ Σ	University of Pennsylvania	1850

Name.	Letters.	Place.	Date.
Phi Mu Omicron	Φ M O	University of South Carolina	1858
Phi Nu Theta	Φ N Θ	Wesleyan	1837
Phi Phi Alpha	Φ Φ A	Michigan	
Phi Phi Phi	Φ Φ Φ	Kenyon	
Phi Sigma	Φ Σ	Lombard	1857
Phi Sigma	Φ Σ	Wellesley	
Phi Sigma	Φ Σ	University of Mississippi	
Phi Sigma Chi	Φ Σ X	University of North Carolina	
Phi Sigma Kappa	Φ Σ K	Mass. Agricultural College	1873
Phi Theta Psi	Φ Θ Ψ	Virginia	
Phi Zeta Mu	Φ Z M	Dartmouth	1857
Pi Beta Nu	Π B N	Minnesota	1888
Pi Beta Phi	Π B Φ	Monmouth	1867
Pi Eta	Π H	Harvard	
Pi Kappa Alpha	Π K A	Virginia	1868
Psi Gamma	Ψ Γ	Marietta	
Psi Upsilon	Ψ Y	Union	1833
Rainbow	W.W.W.	University of Mississippi	1842
Rho Epsilon Omicron	P E O		
Sigma Alpha	Σ A	Roanoke	1859
Sigma Alpha (local)	Σ A	Wellesley	
Sigma Alpha Epsilon	Σ A E	Alabama	1856
Sigma Alpha Theta	Σ A Θ	Indiana	1863
Sigma Delta Chi	Σ Δ X	Yale	1867
Sigma Delta Pi	Σ Δ Π	Dartmouth	1858
Sigma Chi	Σ X	Miami	1855
Sigma Kappa	Σ K	Colby	1874
Sigma Nu	Σ N	Virginia Military Institute	1869
Sigma Phi	Σ Φ	Union	1827
Sigma Pi	Σ Π	Shurtleff	
Sigma Xi	Σ Ξ	Cornell	1886
Tau Beta Pi	T B Π	Lehigh	1886
Tau Delta Sigma	T Δ Σ	University of Chattanooga	1889
Tau Theta Kappa	T Θ K	Georgetown	
Theta Alpha	Θ A	Lewisburg	
Theta Chi	Θ X	Norwich	1858
Theta Delta Chi	Θ Δ X	Union	1847
Theta Nu Epsilon	Θ N E	Wesleyan	1870
Theta Phi	Θ Φ	Minnesota	1874
Theta Xi	Θ Ξ	Rensselaer Institute	1864
Upsilon Beta	Y B	University of Pennsylvania	1863
Upsilon Kappa	Y K	University of Pennsylvania	1889
Zeta Phi	Z Φ	University of Missouri	1870
Zeta Psi	Z Ψ	New York University	1846

COLLEGE COLORS.

COMMUNICATED TO THE NEW YORK WORLD BY THE PRESIDENTS OF THE RESPECTIVE INSTITUTIONS.

Alabama Polytechnic Institute. Orange and Blue.
Albion College. Pink and Green.
Allegheny College. Navy Blue and Old Gold.
Amherst College. Purple and White.
Arkansas Industrial University. Cardinal.
Armour Institute of Technology. Orange and Black.
Augustana College. Blue and Yellow.
Baker University. Cadmion Orange.
Baldwin University. Seal Brown and Yellow.
Barnard College. Light Blue and White.
Bates College. Garnet.
Beloit College. Gold.
Bethany College (Kan.). Blue and Yellow.
Boston University. Scarlet and White.
Bowdoin College. White.
Brown University. Brown and White.
Bryn Mawr College. Yellow and White.
Buchtel College. Blue and Gold.
Bucknell University. Orange and Blue.
Butler University. Dark Blue and White.
Carleton College. Maize.
Central University (Ky.). Cream and Crimson.
Claflin University. Old Gold and Red.
Colby University. Pearl Gray.
Colgate University. Maroon and Yellow.
College of City of New York. Lavender.
Colorado College. Black and Gold.
Columbia College. Light Blue and White.
Columbian University. Orange and Blue.
Cornell College (Ia.) Royal Purple.
Cornell University. Carnelian and White.
Cotner University. Blue and White.
Cumberland University. Blue, Green, and White.
Dartmouth College. Dark Green.
Denison University. Light and Dark Red.
De Pauw University. Yellow.
Des Moines College. Old Gold and Black.
Dickinson College. Red and White.
Drury College. Crimson and Gray.
Earlham College. Cream and Yellow.
Elmira College. Purple and Gold.
Fisk University. Dark Blue and Yellow.
Fort Worth University. Blue and Gold.
Franklin and Marshall College. Blue and White.
Franklin College (Ind.). Blue and Old Gold.
Geneva College. White and Gold.
Georgetown College (D. C.). Blue and Gray.
Georgetown College (Ky.). Orange and Black.
Girard College. Steel and Garnet.
Hamilton College. Continental Blue and Buff.
Hamline University. Gray and Red.
Hampton Institute. Blue and White.
Hanover College. Blue and Scarlet.
Harvard University. Crimson.
Heidelberg University. Orange, Black, and Red.
Hillsdale College. Ultramarine (Blue).
Hiram College. Cherry Red and Sky Blue.
Howard University. Red, White, and Blue.
Illinois College. White and Blue.
Illinois Wesleyan University. White and Green.
Iowa College. Scarlet and Black.
Iowa State College. Gold, Silver, and Black.
Iowa Wesleyan University. Royal Purple and White.
John Hopkins University. Dark Blue and Black.
Kansas Wesleyan University. Old Gold and Royal Purple.
Kentucky University. Orange and Blue.
Kenyon College. Mauve.
Knox College. Old Gold and Purple.
Lafayette College (Pa.). Maroon and White.
Lake Forest University. Ruby Red and Black.
Lehigh University. Brown and White.
Leland University. Dark Blue.
Leland Stanford Jr., Univ. Cardinal.
Lincoln University (Ill.). Violet and White.
McKendree College. Royal Purple.
Manhattan College. Green and White.
Marietta College. Blue and White.
Maryville College. Garnet and Orange.
Mass. Institute of Technology. Red and Gray.
Mercer University. Orange and Black.
Michigan Agricultural College. Green.
Mich Agri and Mech. College. Maroon and White.
Monmouth College. Red and White.
Mount Holyoke College. Light Blue.
Mount Union College. Royal Purple.
Muhlenberg College. Cardinal and Steel.
Nebraska Wesleyan University. Brown and Gold.
Nevada State University. Blue and silver.

Northwestern College (Ill.) Lavender and Black.
Northwestern University. Royal Purple.
Notre Dame University. Gold and Peacock Blue.
Oberlin College. Crimson and Gold.
Ohio State University. Scarlet and Gray.
Ohio Wesleyan College. Red and Black.
Olivet College. Crimson.
Oskaloosa College. Canary and White.
Ottawa University. Sunflower Yellow.
Oxford College. Yellow and Blue.
Park College. Wine and Canary.
Pennsylvania College. Orange and Dark Blue.
Pennsylvania State College. Navy Blue and White.
Polytechnic (Brooklyn). Blue and Gray.
Portland University (Ore). Crimson.
Pratt Institute (Brooklyn). Cadmium Yellow.
Princeton University. Orange and Black.
Purdue University. Old Gold and Black.
Radcliffe College. Red and White.
Randolph-Macon College. Black and Orange.
Rensselaer Polytechnic. Cherry.
Richmond College (Va.). Olive and Gold.
Ripon College. Crimson.
Rollins College. Royal Blue and Gold.
Rutgers College. Scarlet.
Rutherford College. Red and Blue.
Scio College. Red and Blue.
Seton Hall College. Blue and White.
Simpson College. Red and Old Gold.
Smith College. White.
Southwest Baptist College. Blue and White.
South Dakota University. Blue and White.
Southwestern Presbyterian Univ. White and Light Blue.
State University of Iowa. Old Gold.
State University (Ky.). Orange and Red.
Stevens Inst. of Technology. Silver Gray and Crimson.
St. Francis Xavier College. Maroon and Blue.
St. John's College (N. Y.). Maroon.
St. Lawrence University. Scarlet and Brown.
St. Louis University. Orange, White, and Blue.
Swarthemore College. Garnet.
Syracuse University. Orange.
Teachers' College (N. Y. City). Light Blue
Thiel College. Yellow and Blue.
Trinity College (Hartford). Dark Blue and Old Gold.
Trinity University (Tex.) Gray and Blue.
Tufts College. Brown and Blue.
Union Christian College. Purple and Old Gold.
Union College. Garnet.
Union Theological Seminary. Purple.
University of Alabama. Crimson and White.
University of California. Blue and Gold.
University of Chicago. Maroon.
University of Cincinnati. Scarlet and Black.
University of City of New York. Violet.
University of Colorado. Gold and Silver.
University of Denver. Red and Yellow.
University of Georgia. Red and Black.
University of Idaho. Yellow and White.
University of Illinois. Navy Blue and Orange.
University of Indiana. Crimson and Cream.
University of Kansas. Crimson.
University of Michigan. Maize and Blue.
University of Minnesota. Old Gold and Maroon.
University of Mississippi. Royal purple.
University of Missouri. Old Gold and Black.
University of Nashville. Blue and Garnet.
University of Nebraska. Scarlet and Cream.
University of New Mexico. Cherry and Silver.
University of North Carolina. White and Blue.
University of Oregon. Lemon Yellow.
University of Pennsylvania. Red and Blue.
University of Rochester. Dandelion Yellow.
University of South Dakota. Vermilion.
University of the South. Purple.
University of Tennessee. Orange and White.
University of Texas. White and Old Gold.
University of Utah. Silver and Crimson.
University of Vermont. Green and Gold.
University of Virginia. Navy Blue and Orange.
University of Washington. Purple and Gold.
University of Wisconsin. Cardinal.
University of Wooster. Old Gold and Black.
U. S. Military Academy. Black and Gray.
U. S. Naval Academy. Navy Blue and Old Gold.
Upper Iowa University. Dark Blue.
Vanderbilt University. Black and Old Gold.
Vassar College. Rose and Gray.
Wabash College. Scarlet.
Wake Forest College. Orange and Black.
Wash'n and Jefferson College. Red and Black.
Washington and Lee University. Blue and White.
Washington University. Myrtle and Maroon.

Wellesley College. Blue.
Wesleyan University. Cardinal and Black.
Western Reserve University. Crimson and White.
Willamette University. Cardinal and Old Gold.
Williams College. Royal Purple.
Yale University. Dark Blue.

COLLEGE CHEERS AND YELLS.

THIS collection of cheers and yells has been made by the "New York World," by correspondence with officials of the respective institutions, and is revised to 1896. It is believed to be the largest collection ever published.

Add-Ran Christian University. — "Boom el lacker, Boom el lacker, Boom el la boo! Varsity, varsity! Add Ran U."
Alabama Polytechnic Institute. — "Je hah, Je hah, Je hah hah hah, Auburn, Auburn, rah rah rah!"
Albion. — A-l'-b-i'-o-n', Bis Boom Bah, Albion, Rah! Rah! Rah!"
Alfred University. — "Rah! Rah! Rah! Zip, Rah, Boom! Alfred University, Give Her Room!"
Allegheny. — "Alleghe! Alleghe! Rah! Boom! Allegheny!"
Amherst. — "Rah! Rah! Rah! Rah! Rah! Rah! Amherst!"
Antioch. — "Razzle, dazzle! Hip, Boom, Ah! Antioch! Antioch! Rah! Rah!"
Arkansas Industrial University. — "A. I. U., rah, rah, rah! rah, rah, rah! Ar'kansaw'!"
Atlanta University. — "Rah! Rah! Rah! Ah! See! Atlanta Universi-ty!"
Baker University. — "B. U.! Rah, Rah, Rah! B. U.! Rah, Rah, Rah! Baker! taker! Rah! Rah! Rah!"
Baldwin University. — "Ra! Ra! Ra! Ra! Ra! Ra! Baldwin, Baldwin, Ra! Ra! Ra!"
Bates. — "Boom-a-laka, Boom-a-laka, Boom, Bates, Boom! Rah, Rah, Rah!"
Benzonia. — "Ski-yu-Bah! Ky-yi, ky-yi, ky-yippy, ki-yah! Ben-zo, Ben-zee, Benzonia, yippi, ki-yi, ky-youshl!"
Bethany (W. Va.). — "Hi! Yi! Yi! Rah! Rah! Rah! Yah! Hoo! Beth-a-nee!"
Bethany (Kan.). — "Rah Rah Rah! Rah Rah Rah! B-e-t-h-a-n-y! Bethany College! Rah! Rah! Rah!"
Bethel (Ky.). — "Hipity hip Kerzip, Kerzip, Hipity hip, Kerzip, Kerzip, Hoorah, Hoorah, Bethel, Bethel, rah, rah, rah!"
Blackburn University. — "Za nee! Za nee! Zig Zag Zu! Hommy Haney! Hommy Haney! Ling-a-ling-a-loo!! B. U !!!"
Boston University. — "Boston, Boston, B-B-B-Boston, 'Varsity, 'Varsity, Rah! Rah! Rah!"
Bowdoin. — "B-o-w-d-o-i-n, Rah, Rah, Rah!"
Brown University. — "Rah! Rah! — Rah! Rah! — Rah! Rah! — Brown!"
Buchtel. — "Hoo-Ray-Rah-Roo, Wah-Hoo, Wah-Hoo, Hallaballoo, Hallaballoo, 'Rah,' Rah, 'Rah, Buchtel!"
Bucknell University. — "Wah! Wah! Woo! Bucknell! B. U.! Wah! Hoo! Hoo! Wah! Bang!"
Carleton. — "C-A-R-L-E-T-O-N-Rah! Rah! Rah!"
Carthage. — "Rah! Re! Ri! Ro! Ring!! Rung!! Rang!! Carthage College, Zip!!! Boom!!! Bang!!!"
Case School Applied Sciences. — "Hoo! Rah! Ki! Rah! S-C-I-E-N-C-E! Hoi! Hoi! Rah! Rah! Case!!"
Centenary. — "Centenary-Centenary-Sis-Boom-Ah! Hiyo-Hiyo-Rah-Rah-Rah!"
Central Pennsylvania. — "Hip-'rah-'ree-'ray! Hip-'rah-'ree-'ray! Cen-tral Penn-syl-va-ni-a!"
Central University of Kentucky. — "Razzle dazzle, razzle dazzle! Sis, boom! Ah! Central University, Rah! Rah! Rah!"
Central Wesleyan. — "Zip Zap Knowledge — Bing Bang Glee! Central Wesleyan Warrenton Missouree!"
Centre. — "Rack-ety-cax! Coax! Coax! (twice) Centre, Centre, Rah! Rah!"
Claflin University. — "Rah! Rah! Rah! Claflinia!"
Coe. — "Zis, Boom, Gee, C-O-E-Rah, Rah, Rah-Coe!"

Colby University. — "C-O-L-B-Y, Rah! Rah! Rah!" (three times).
Colgate University. — "Rah! Rah! Colgate! Zip! Boom! Ah!"
College of Emporia. — "Hoorah, Hoorah U-pi-dee Hoorah Tiger C. of E.!"
College of Montana. — "Huray-huray-huray, huray for the College of Mon-tan-a
College of New Jersey. — See "Princeton College"
College of the City of New York. — "'Rah, 'Rah, 'Rah, C. C. N. Y!"
Colorado. — "Pike's Peak or Bust! Pike's Peak or Bust! Colorado College! Y we must!"
Columbia. — "H'ray! h'ray! h'ray C-o-l-u-m-b-i-a!"
Columbian University. — "Whang! Bang! Sis! Boom! Ah! Columbian! Colu bian! Rah! Rah! Rah!"
Cornell University. — "Cornell! I Yell Yell Yell! Cornell!"
Cumberland University. — "Allegaro-garo-garan! Hi-yip, Ti-yip! Cumberla Cumberland!"
Dartmouth. — "Wah who wah! wah who wah! da-da-da, Dartmouth! wah wah! T-i-g-e-r!"
Davidson. — "Rah-rah-rah, Run-Run-Run, Pink and Blue, Da-vid-son!"
Delaware. — "D-E-L-A-Ware-Zip-Boom-Tiger-Rah! Rah! Rah!"
Denison University. — "Heike! Heike! D-E-N-I-S-O-N! Denison! Denison!"
De Pauw University. — "Zip, Rah, Who! D-P-U! Rip, Saw! Boom, Baw! Bully for old De Pauw!"
Des Moines. — "Three times three, D. M. C.! Rah, rah, rah! Rah, rah, rah! Rah, rah, rah! Des Moines!"
Dickinson. — "Hip-rah-bus-bis — Dickinsoniensis — Tiger!"
Doane. — "Do-Do, Do-Ra-Me, Fa-Fa, Sol-La-See, D-o-a-n-e. Doane!!!"
Drury. — "Rah-Rah-Rah! Drury!"
Earlham. — "Rah, rah; ri, ro, rem; E-A-R-L-H-A-M; thee, thou! rah!!!"
Elmira. — "Rah! Rah! Rah! El-mi-ra!"
Eureka. — "Eu-Wah-Hoo! Re-Hah-Soo! Kah-Bang-Ah-Zip! Whiz-Doo-Kah-Rip! Siz-Boom-Eureka!"
Evelyn (Female) College. — "E-v-e-l-y-n-Eva, Eva, Evelyn!"
Fairfield. — "Fair-Fair-Fairfield C. C-O-L-L-E-G-E Cumi-Sumi-Cumi-Yumi-Philo-Zeke-Yah-Yah!"
Fisk University. — "Clickety! Clackety! Sis! Boom! Bah! Fisk University! Rah! Rah! Rah! Ra—!"
Fort Worth University. — "Hi Ro-Hi Ro-Hi Ro Gee! Fort Worth University!"
Franklin (Ind.). — "F-r-a-n-k-l-i-n! Hurrah! Hurrah! We are her men! Boom-rah! Boom Wah, hoo, wah! Franklin, Franklin, rah, rah, rah!"
Franklin and Marshall. — "Hullabaloo, bala! (twice) Way-up, Way-up! F. and M.! Nevonia!"
Furman University. — "Rah, rah! Rah, rah! Rah, rah, ree! Furman! Furman! Universitee!"
Gale. — "Razoo-razoo, Johnny, get your bazoo-Hipskiddy-Iki-rah-rah-Gale!"
Gates. — "Hica Hica Hica G; Ate, Ate, A-T-E! Upi-Upi-Upidee-Gates, Hurrah, Gates!"
Geneva. — "Geneva! Rah, rah, rah, rah! (twice) Roo, rah, roo, rah! Geneva, Geneva! Rah, roo, rah!"
Georgetown (D. C.). — "Hoya! Hoya! Saxa! Hoya! Hoya! Georgetown Hoya! Horah Doray Hai I Hickey, Hickey, Kai, Kai, Moky, Moky, Hay I, Toe mei!"
Georgetown (Ky.). — "Hullabaloo! Kanuck! Kanuck! Belle of the Blue! Kentuck! Kentuck! Hoo-rah! Hoo! Hoo-rah! Hoo! Georgetown, too! Rah!!"
Greensboro' (Female) College. — "Rah! Rah! Rah! Hip poo pee! We are the Girls of G. F. C.!"
Griswold. — G-R-I-S-W-O-L-D! Rah! rah! rah!"
Guilford. — "Boom la yo! Boom la yo! Guilford, Guilford, Ho, ho, ho!"
Hamilton. — "Rah! rah! rah! Ham-il-ton! Zip! rah! boom!"
Hamline University. — "Ho! Ho!! Ho!!! Ham-le-u-ne Vers-te! Rah! Re! Hooray!"
Hampden-Sidney. — "Rah, Rah, Rah! (three times) H. S. Tiger!"
Hanover — "Rah, rah, rah! Whizz, Whazz, Whirr! Sizz-ah, Han-Han-Han-o-ver!"
Harvard University. — "Rāh rāh rāh! rāh rāh rāh! rāh rāh rāh — Harvard!" (slow time).
Haverford. — "Yo-Yo-Yo! (three times) Hav-er-*ford!*"
Heidelberg University. — "Kili-kilik! Rah, rah, Zit, zit! Ha! Ha! Yai! Hoo! Bam! Zoo! Heidelberg!"

Hendrix. — "Hendrix 'rah! Siz boom ah! Hi yo, Hi yo! Rah, Rah, Rah!" (three times).
Hillsdale. — "Hull-lah-bah-loo-wah-hoo! (twice) Hoo-wah, wah-hoo! Hillsdale!"
Hiram. — "Brekekekex! Koax! Koax! (twice) Alala! Alula! Sis-s-s!!! Boom!!! Hiram!!!"
Hobart. — "Hip, Ho-bart! Hip, Ho-bart! Hip, Ho! Hip, Ho! Hip, Ho-bart!"
Howard (Ala.). — "Razzle dazzle, zip boom ah! Howard, Howard, rah, rah, rah! Howard rah, Howard ree, Howard Tiger H. C. C.!"
Howard University. — "Rah, rah, rah! Howard, Howard! Rah, Rah, Re!"
Illinois. — "Rah hoo rah, Boom a lack, kickarickaroi, 'Old Illinois,' Boom zip boom, Tiger-zah!"
Illinois Wesleyan University. — "Tally, balolly, baloo! Rip, rah, roo! Boom-to-rah, boom-to-roo! We're in it! Who? Wesleyan, Wesleyan, I. W. U.!"
Iowa State College. — "Rah! Rah! Rah! Hoop La! Re! Hip ha! Rip! Rah! I. A. C!"
Iowa Wesleyan University. — "Rah, rah, rah! Hip, hi, hoo! I-W-U!"
Johns Hopkins University. — "Hullaballoo, Kanuck, Kanuck! Hullaballoo, Kanuck, Kanuck! Hoorah! Hoorah! J. H. U.!"
Kansas Wesleyan University. — "Hoorah, Hoorah, Wesleyan, Wesleyan, Rah, Rah, Rah!"
Kentucky University. — "Hoo Gah Hah! Hoo Gah Hah! K. U.! K. U.! Rah, Rah, Rah!"
Kenyon. — "Heika! Heika! Heika! K-e-n-y-o-n! Kenyon! Kenyon!"
King. — Hip hurrah, Hip hurrah, King College, Temava!"
Knox. — "Zip rah! Boom rah! Knox-i-ae! Knox-i-a! Knox! Knox! KNOX!"
Lafayette (Pa.). — "Rah! Rah! Rah! Lafayette!"
Lake Forest University. — "Hi! Ho! Ha! Boom! Cis! Bah! L. F. U.! Rah! Rah! Rah! Lake Forest!"
Lawrence University. — "L-A-W-R-E-N-C-E! Rah, rah, rah! Biz! Boom!! Bah!!! Wush!!!"
Lehigh University. — "Hoo-rah-ray! Hoo-rah-ray! Ray, Ray, Lehigh!"
Leland Stanford, Jr., University. — "Rah-Rah-Rah (twice), Rah! Rah — Stanford!"
Lenox. — "Clickety! Claxety! Sis! Boom! Bah! Lenox, Lenox, Rah! Rah! Rah!"
Lincoln University. — "Ki-yi-Mock-Khon, Ra-ha — Lin-coln!"
Lombard University. — "Ra, re, ri, ro! Ring, ching, rang! Lombard! Lombard! Zip, boom, bang!"
Macalester. — "Rah, rah, rah! Macalester! Great North Western! Rah, rah, rah!"
Maine State. — "Rah! Rah! Rah! Rah! M. S. C.!"
Manhattan. — "Rah! Rah! Rah! M-a-n—h-a-t—t-a-n, Manhattan!"
Marietta. — "Rah! Rah! Rah! Rah! Rah! Rah! Ma-ri-et-ta, Rah! Rah! Rah!"
Maryville. — "Howee, how! Chilhowee! Maryville, Maryville, Tennessee! Rah! Rah! Rah! Maryville! Maryville! Rah! Rah! Rah!"
Massachusetts Agricultural. — "A-G-G-I-E-Rah-Rah, Rah-Rah-Rah!"
Massachusetts Institute of Technology — "M! I! T! Rah! Rah! Rah! (three times) Tech nol ogy!!!"
McKendree. — "Rah, rah, rah! Hoop, hi, he! Rip, boom! Zip, boom! McKendree!"
Miami University. — "Rah — Rah — Rah — M-I-A-M-I — Mi-am-I, Miami!"
Michigan Agricultural. — "Hip! Hip! Hurrah! Hurrah! Hurrah! Uzz! Uzz! Uzz! M. A. C.!"
Middlebury. — "Midd', Midd', Middlebury! Rah, rah, rah!"
Mississippi. — "Mississippi College rah-rah-ree! Ru-rah-ree-rah-Mississippi C.!"
Mississippi Agricultural and Mechanical. — "Hullabaloo, zip, bah! Hollabaloo, rip, rah! Hollyboom, solly-boom, lee, rah, zis! Ree, rah, riss! Ree, rah, riss! Lee, rah, zis! A. & M. Miss.!"
Missouri Valley. — "Wah, hoo, wah! Wah, how, wee! Hoorah, hoorah! Em Vee See!"
Monmouth. — "Ho rah Ho roo Depa la Repa loo Rah si ki yi, Hot, Cold, wet or dry, get there Eli, Monmouth!"
Mt. Holyoke. — "H-o-l-y-o-k-e, Hol-yoke, Hol-yoke, are we!" (The cheer is sung by the girls.)
Mt. St. Mary's. — "Rah! Rah, Rah, Sis Boom Bah! Mount St. Mary's, Ha! Ha! Ha!"
Mt. Union. — "Karo, Kēro, Kiro, Kēē! Rah, Rah, Rah, for M. U. C.! Alikezenion, Alikezunion! Rah, Rah, Rah, for old Mt. Union!"

Muhlenberg. — "Rah, Rah, Rah, Rah, Muhlenberg!"
Nebraska Wesleyan University. — "Boom-rah, Boom-rah-an! We-we Wesleyan! Ne-Ne-Nebraskan O h h h h h man!"
Notre Dame University. — "Rah! Rah! Rah! the Gold and Blue! Houp-a-ra-hoo, ra-hoo — ra-hoo, Notre Dame, Notre Dame, N. D. U.!"
Nevada State University. — "Wa-hoo, N. S. U.! rah, rah, rah, 'Varsity!"
Niagara University. — "Rah, Rah, Rah, ray, ray, ray N-I-A-G-A-R-A, Sis-boom-bah!"
Northwestern College (Ill.). — "Hi! Ho! He! N. W. C. R-r-r-r, R-r-r-r, Yahoo! Yahoo!"
Northwestern University (Ill.). — "Rah! Rah! Rah! Rah! U. Northwestern (Rah! five times)."
Oberlin. — "Hi!-O!-Hi, O!-Hi!-O!-Hi! Hi! O! Hi, O-ber-lin!"
Ohio State University. — "Wahoo, Wahoo, Rip, Zip, Bazoo! I yell, I yell, for *O. S. U.!*"
Ohio University. — "Wah-hoo, wah-hoo, Rip, rah, O-U-O-hi-O-U!" (followed by three cheers).
Ohio Wesleyan University. — "O-we-wi-wow! A-la-ka-zu-zi-zow! Ra-zee-zi-zu! Viva! viva! O. W. U.!"
Olivet. — "Wha-hoo-wha! Wha-whoo-wha! Olivet! Olivet! Rah, rah, rah!"
Ottawa University. — "Ottawa, Ottawa! Hoorah, Hoorah! Ottawa 'Varsity! Rah, Rah, Rah!"
Otterbein University. — "Whoop, Hip, Whoop, Whoo! O. U., O. U.! Hi-O-mine, Ot-ter-bein; Whoop, Hip, Whoo!"
Ouachita Baptist. — "Rah, Kah, Rah — Rah, Rah, Rah — Rah, Rah, Rah — Oua-chi-ta!"
Pacific University. — "Rah! Rah! Rah! Zip, Boom, Ah! Pacific University, Rah! Rah! Rah!"
Park. — "P-A-R-K! Rah, rah, rah! Sis, boom, ah! Booma-lacka, booma-lacka! Boom! Park! Boom!"
Parsons. — "Hi, yi! Hi, yi! Hi, yi! Tulumuchahi, ki yi, Parsons!"
Pennsylvania College. — "Rah, Rah, Rah, Rah, Rah, Rah, Rah, Gettysburg!"
Polytechnic Institute (Brooklyn). — "Rah! Rah! Ray! P. O. L. Y. Tiger!"
Portland University (Ore.). — "Rah! Rah! Rah! (three times) Portland!"
Princeton. — "Hooray! Hooray! Hooray! Tiger! Sis! Boom! ah! Princeton!"
Puget Sound University. — "Wha-who-wah, Ta-co-ma, Who-wah-who, P. S. U. CÆSAR! Wah-who-wah, Who-wah-who, 'Varsity-'Varsity, P. S. U.!"
Purdue. — "Purdue! Purdue! Rah-rah! Rah-rah! (twice) Ho-o-o-oo-rah! Ho-i-o-o-oo-rah! Bully for old Purdue!"
Randolph-Macon College. — "Rip, rah, rah! rip, rah, rah!! Randolph-Macon, Virginia! Callero! Callero! Yah-Yah-Yah!"
Rensselaer Polytechnic Institute. — "Rah, rah, rah! Rah, rah, rah! Rensselaer!"
Richmond (Va.). — "Hulla-be-luck (bis), Ko-whack (bis), whoa-up (bis), diaballou — Richmond!"
Ripon. — "R-I! Ri! P-O-N! Rah, deh, kah! Rah, rah, rah! Ripon!"
Roanoke. — "Rah! Rah! Rah! R — O — A.! Rah! Rah! Rah!! N — O — K! Roanoke!!!"
Rollins. — "R-O-L-L-I-N-S Rol, rol, rol! Rol, rol, rol! Rol, rol, rol, Rollins!"
Rose Polytechnic Institute. — "R-P! R-P! Rah-Rah! Rah-Rah! Hoo-rah! Hoo-rah! Rose Polytechnic! Rah! Rah! Rah!"
Rutgers. — "Rah! rah! rah! bow-wow-wow! Rutgers!" (twice).
Rutherford. — "Rah, Rah for Rutherford! Rah!"
Scio. — "Ka-zik-ka-la, Ka-zik-ka-la-Ka-re-ri-ro, sh-la-la, sh-la-la, Rip-Zip-S-C-I-O!"
Seton Hall. — "Hooray, Hooray, Hooray. S-E-T-O-N-I-A, Rah! Rah! Rah!"
Simpson. — "Rickety, Rackety, biff boom bah! Simpson, Simpson, rah, rah, rah!"
South Dakota University. — "Hey! Ho! Whe! Hi! Yi! Ye! D. U. Varsity! Zip! boom! Rah! rah! rah!"
Southwestern Presbyterian University. — "Hi-rickety-whoop-da-do, S. W. P. U.!"
State University of Iowa. — "Haw, Haw, Haw; Hi, Hi, Hi; Hawkeye, Hawkeye; S. U. I.!"
Stevens Institute of Technology. — "Boom — rah! Boom — rah! Boom — rah — Stevens!"
St. Francis Xavier. — "Rah — rah — rah! Rah — rah — rah! X-A-V-I-E-R!"
St. John's (Md.). — "Rah, rah, rah! Rah, rah, rah! Rah, rah, rah! St. John's!"
St. John's (N. Y.). — "Rah-Rah-Rah-F-O-R-D-H-A-M, Fordham! and Rah-Rah-Rah-F-O-R-D-ham-ham-ham, Fordham!"

St. Lawrence University. — "Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Laurentia!"

Swarthmore. — "Rah Rah! Rah Rah Rah! Rah Rah! Rah Rah Rah! Swarthmore!"

Syracuse University. — "Hip, Hoo, Rah! Hip, Hoo, Rah! Syracuse! Syracuse! Rah-rah-rah!"

Tabor. — "Boom-a-lack-a, boom-a-lack-a, Bow-wow-wow, Ching-a-lack-a, ching-a-lack-a, chow-chow-chow, Boom-a-lack-a, Ching-a-lack-a, Who are we, Who's from Tabor, We, we, we!!!" "Ho'ra Ho'roo Dipla Diploo, Ri si ki i Hot or cold, Wet or dry, Get there Eli Tabor College, Fly high!!!"

Thiel. — "T-C-Rah, T-C-Rah! Thielio Collegio, Phizz, Boom, Hah!"

Trinity (Hartford). — "Rah! rah! rah! Trin-i-ty! boom-rah! boom-rah! Trin-i-ty!"

Tufts. — "Rah! rah! Rah! rah! Rah! rah! Tufts!"

Union. — "Rah! Rah! Rah! U-N-I-O-N-Hikah! Hikah! Hikah!"

Union Christian. — "Rah Rah Rah; Rah Rah Re! Liberty, Equity, Charity U. C. C.!"

United States Military Academy. — "Rah! Rah! Ray! Rah! Rah! Ray! West Point! West Point! Armay!"

University City of New York. — "Rah! Rah! Rah! N. Y. U. Siss! Boom! Ah!"

University of Alabama. — "U A! U A! Rah rah! Rah rah! Hoorah! Hoorah! Old Alabama!"

University of California. — "Ha! Ha! Ha! Cal-i-for-ni-ah! U. C. Berkelee! Zip! Boom! ah!"

University of Chicago. — "Chicago, Chicago, Chicago, go! Go it Chica-go it Chicago it Chicago!"

University of Colorado. — "Boom Rah, Razoo, Colorado State U.!"

University of Denver. — "U, U, U, of D, Den-ver, Varsity! Kai Gar Wahoo Zip boom — D. U.!"

University of Georgia. — "Hoo-rah-rah! Hoo-rah-rah! Rah! Rah! *Georgia!*"

University of Illinois. — "Rah-hoo-rah, Zip boom ah! Hip-zoo! rah-zoo! Jimmy, blow your bazoo! Ipzidyiki, U. of I.! Champaign!!!"

University of Indiana. — "Gloriana, Frangipana, Indiana Kazoo Kazah! Kazoo Kazah Hoop la! Hoop la! State University! Rah! Rah! Rah!"

University of Kansas. — "Rock-Chalk-Jay-Hawk K. U.!"

University of Michigan. — "U. of M. Hurrah! Hurrah! Hōo-ráh! Hōo-ráh! Michigan! Michigan! ráh! ráh! ráh!"

University of Minnesota. — "Rah, rah, rah, Ski-U-mah — hurrah — hurrah Varsity — Varsity! Minne-so-ta!"

University of Mississippi. — "Razzle dazzle, gobble, gobble, Sis boom bah! Mississippi, Mississippi, Rah, rah, rah! (four times) Mississippi!"

University of Missouri. — "Rah! rah! rah! Mis-sou-ree! M-S-U. Ni-var-si-tee! Hoo Rah! Hi Rah! Yes Sir-ee! Whoopeeee!"

University of Nebraska. — "U, U, U, NI-Ver-Ver-Ver-Si-ti-N-E-bras-ki-Oh!! My!!!"

University of North Carolina. — "Rah! Rah! Rah! White and Blue! Vive-la! Vive-la N. C. U.!"

University of North Dakota. — "Odz-dzo-dzi! Ri-ri-ri! Hy-ah! Hy-ah! North Dakota!" (and Sioux war cry).

University of Oregon. — "Ra Ho. Ra Ho, Ra Ra Oregon!"

University of Pennsylvania. — "Hoo-rah! Hoo-rah! Hoo-rah! Penn-syl-va-ni-a!"

University of Rochester. — "Rah, rah! Rochester!"

University of South Dakota. — "Da-ko-tá, Da-ko-ta, U-ni-v of Da-ko-tá! Hurrah! Hurrah!"

University of Tennessee. — "U. of T.! Rah! rah! Rah! rah! (twice) Hur-rah! Hur-rah! Tennessee! Tennessee! Rah! rah! rah!"

University of Texas. — "Hullabaloo! Hooray, Hooray! (twice) Hooray! Hooray! Varsity! Varsity! U. T. A.!"

University of the South. — "Rah, Rah, Ree, Var-si-tee, Hey hip, Hey hip, Se-wa-nee, Sewanee Rah, Sewanee Rah, Sewanee, Tiger, Siss-s-s, Boom, ah!"

University of Utah. — "Rah Rah, Utah Utah!"

University of Vermont. — "Rah, rah, rah! rah, rah, rah! U. V. M.! rah, rah, Tiger!"

University of Virginia. — "Rah-rah-rah, Uni-v! Rah-rah-rah, Var-si-tee! Virgin-i-a!"

University of Washington. — "U. of W.! Hiah, hiah! U. of W.! siah, siah! Skookum, skookum, Wash-ing-ton!"

University of Wisconsin. — "U-Rah-Rah-Wis-con-sin!" repeated three times w[illegible] a Tiger.

Upper Iowa University. — "Hi, hi! Hi, ky! Yah, wah! Hoo, wah! U. I. Varsi[illegible] Zip, boom, rah!"

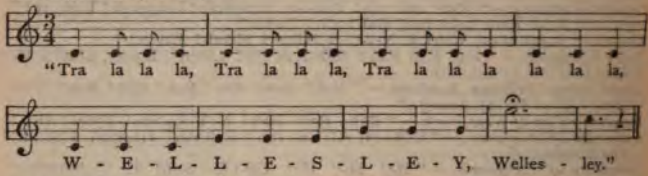
Vanderbilt University. — "Vanderbilt, Rah, Rah, Rah! Whiz Boom! Zip-boom, Rah, Rah, Rah!"

Wabash. — "Wah-Hoo-Wah, Wah Hoo Wah, Wah Hoo Wah Hoo Wa-bash!"

Wake Forest. — "Rah! Rah! Rah! Whoop-la Ve 'Or et Noir' and W. F. C.!"

Washington and Jefferson. — "Wich-i-Koax, Koax, Koax! Wich-i-Koax, Koax, Koax! W. and J. W. and J. Boom!"

Wellesley. — Sung as follows: —



Wesleyan University. — "Rah! Rah! Rah! Rah! Wes-lei-an-a! Rah! Rah! Rah! Rah! Rah!"

Western Maryland. — "Rah, rah, rah! Rah, rah, ree! Rah, rah, hullabaloo! W-M-C!"

Western Reserve University. — "Rah! Rah! Rah! Biff! Bum! Bah a la 'delbert, Rah! Rah! Rah!"

Westminster (Fulton, Mo.). — "Rah! Rah! Rah! Oh! yes, Sir! Vive-la, Vive-la, Westminster!"

Westminster (Pa.) — "Hoo-rah-hee! Hoo-rah-hee! W. C.-Rah!"

Wilberforce University. — "Rha! Rha!! Rha!!! Wilberforce! Wilberforce! Rha! Rha!! Rha!!!"

Willamette University. — "Rah, Rah, Rah, Zip, boom, bah, Old Willamette, Ha, ha, ha!"

Wilmington. — "Rah, rah, rah! Wilmington! Wilmington! Oh!"

Wofford — "Hacky! Hacky! Hack! Siz! boom! Ah! W. C.! W. C.! Rah! Rah! Rah!"

Worcester Polytechnic Institute. — "P—I, P—I, Rah, Rah, Rah, Rah (twice), Hooray, Hooray, Worcester!"

Yale University. — "Rah, Rah, Rah! Rah, Rah, Rah! Rah, Rah, Rah! Yale! (quick time). And frog-chorus of Aristophanes.

COLLEGE PUBLICATIONS.

From Information Furnished to the College Year-Book by College Officers.

Adrian College	Epigonad.
Add Ran Christian College	The Collegian.
Alabama Polytechnic Institute	Orange and Blue.
Allegheny College	Campus, Kaldron, Alleghanian.
American University	University Quarterly.
Amherst College	Amherst Student, Literary Monthly, Olivet.
Amity College	Amitonian.
Arkansas College	College Magazine.
Arkansas Industrial University	Ozark.
Armour Institute	Mission Visitor.
Atlanta University	Scroll.
Augustana College	Journal.
Baldwin University	Bulletin.

Bates College	College Student, Garnet.
Beloit College	Round Table.
Bethany College, Kansas	Bethany Messenger.
Bethany College, W. Va	Monthly Collegian.
Bethel College, Ky	Blue and Gold.
Blackburn University	Blackburnian, Centre Rush.
Boston College	College Stylus.
Boston University	Hub, University Beacon.
Bowdoin College	Bowdoin Orient, Bugle.
Brown University	Brunonian, Daily Herald, Brown Monthly Magazine, Brown Paper, Liber Brunensis.
Bryn Mawr College	Lantern.
Buchtel College	Buchtelite, Buchtel.
Bucknell University	L'Agenda.
Butler College	Collegian, Butler.
California College	Student.
Case School of Applied Science	Integral, Annual.
Catholic University of America	University Bulletin.
Central Wesleyan College	College Star.
Centre College	Cento.
Clark University	Journal of Psychology and Pedagogy.
Coe College	Cosmos.
Colby University	Echo, Watervillian, Oracle.
Colgate University	Madisonensis, Salmagundi.
College for Women	College Folio.
College of City of New York	Microcosm, Mercury.
College of Emporia	College Life.
College of the Holy Cross	Purple.
Columbia University	Spectator, Morningside, Crucial Questions, Literary Monthly, Medical News, Columbiad, Columbian, Miner.
Cornell University	Daily Sun, Era, Widow Cornell Magazine, Sibley Journal, Cornellian, Philosophic Review, besides seven faculty publications.
Cumberland University	Phœnix.
Dartmouth College	Dartmouth, Literary Monthly, Ægis.
Davidson College	Davidson Monthly.
Denison University	Denisonian, Denison Quarterly, Journal of Newsology, Adytum.
DePauw University	DePauw Weekly, Mirage.
Dickinson College	Minutual, Microcosm.
Doane College	Oval.
Drake University	Delphic.
Drury College	Mirror.
Earlham College	Earlhamite.
Elmira College	Sibyl.
Eminence College	Philomathean Weekly.
Emory and Henry College	Monthly.
Eureka College	Pegasus.
Franklin College, Ind	Kodak.
Franklin and Marshall College	F. & M., College Student, Nevonian, Oriflamme.
French-American College	French-American Citizen.
Gates College	Yearly Index.
Geneva College	Geneva Cabinet.
Georgetown College	College Journal.
Greensboro Female College	College Message.
Guilford College	Guilford Collegian.
Hamilton College	Hamiltonian, Pink.
Hampden-Sidney College	Magazine.
Hampton Institute	Talks and Thoughts, Beacon, Southern Workman.
Harvard University	Crimson, Advocate, Lampoon Monthly, Index, Portfolio, Law Review, besides ten departmental publications.
Haverford College	Haverfordian.
Heidelberg University	Argus, Kilikidik.
Hendrix College	College Mirror.

Highland University	Nuncio.
Hobart College	Echo.
Hope College	Anchor.
Illinois Wesleyan University	Argus, Wesleyan Magazine.
Indiana University	Student.
Iowa State College	I. A. C. Student, Engineer, Junior Annual.
Iowa Wesleyan University	Wesleyan.
Johns Hopkins University	Journal of Philosophy, Medley, besides many scientific and scholarly publications.
John B. Stetson University	Collegiate.
Kenyon College	Reveille.
Knox College	Knox Student, Gale.
Lafayette College	Melange, Mirror, Miscellany.
Lake Forest University	Weekly Journal, Stentor.
Lawrence University	Lawrencian.
Lebanon Valley College	College Forum.
Lehigh University	Brown and White, Bun, Epitome.
Leland Stanford, Jr. University	Daily, Weekly, Junior Annual, Senior Classical, besides twelve university publications.
Lincoln University, Ill	Lincolnian.
Lombard University	Review, Lombard.
Louisiana State University	Student Journal.
Luther College	College Chips.
Macalester College	Echo.
Maine State College	Cadet. Prism, Pendulum.
Marietta College	Olio, Monthly Medical Journal, Bulletin, Mariettan.
Mass. Agricultural College	Aggie Life, Index, Handbook.
Mass. Institute of Technology	Tech, Technique.
Mercer College	Mercerian.
Miami University	Miami Journal.
Michigan Agricultural College	Weekly Record.
Middlebury College	Undergraduate Middlebury Kaleidoscope.
Midland College	Midland.
Mississippi College	Magazine.
Missouri Valley College	Delta.
Morgan College	Educator.
Mount Angel College	Wochenblatt, Banner.
Mount Holyoke College	Literary Magazine, Lamarada.
Mount Union College	Dynamo, Unionensis.
Muhlenberg	Souvenir.
Nevada State University	Record.
Newberry College	Collegian.
New York University	Item, University Quarterly, Law Review, Violet.
Niagara University	Index.
Northwestern College	Chronicle.
Northwestern University, Ill	Northwestern Record, Syllabus.
Oberlin College	Review, Hi-O-Hi.
Ohio State University	Weekly, Makio.
Ohio Wesleyan University	Transcript, Weekly Folio, Bijou.
Olivet College	Echo.
Oskaloosa College	Collegian.
Ouachita Baptist College	Society.
Pacific College	Crescent.
Park College	Stylus.
Parsons College	Portfolio, Quarterly, Handbook.
Pennsylvania College	Mercury, Spectrum, Arcana, Ragout.
Pennsylvania State College	Free Lance, La Vie, Mining Bulletin, Handbook.
Polytechnic Institute of Brooklyn	Journal, and several faculty publications.
Presbyterian College of S. C.	Palladium.
Princeton University	Princetonian, Tiger, Nassau Literary Monthly, Nassau Herald, Bric-à-Brac.
Puget Sound University	Ye Record.
Purdue University	Exponent, Debris.
Randolph-Macon College	Magazine.
Rensselaer Institute	Polytechnic, Transit.

Richmond College	Messenger, Bulletin.
Roanoke College	Collegian.
Rose Polytechnic Institute	Rose Technic, Modulus, besides scientific publications.
Rutgers College	Scarlet Letter.
Rutherford College	Rutherford.
Shurtleff College	College Review.
Simpson College	Simpsonian, Tangent, Zenith, Educator.
Smith College	Smith College Monthly.
Southern University	Monthly.
Southwestern Presbyterian University	Journal.
Southwestern University	University Monthly, An-x.
Southwest Kansas College	Collegian.
State University of Iowa	Quill, Vidette Reporter, Hawk-eye, Transit.
Stevens Institute of Technology	Eccentric, Bolt, Link.
St. Benedict College	Student.
St. John's College, N. Y.	Fordham Monthly.
St. Lawrence University	Lawrentian, Gridiron.
St. Mary's College, Kansas	Dial.
St. Mary's College, Ky.	Sentinel.
St. Olaf College	Manitou Messenger.
St. Viateur's College	Viatorian Journal.
St. Vincent College, Pa.	Journal.
St. Vincent's College	Student.
Swarthmore College	Phœnix, Halcyon.
Syracuse University	Syracusan, Onandagan.
Tarkio College	Phœnix.
Trinity College, Conn.	Ivy.
Tulane University	College Spirit, Collegian.
Union University	Garnet, Union, Concordiensis.
U. S. Military Academy	Howitzer.
U. S. Naval Academy	Shakings & Etchings, Fag Ends, Junk, Lucky Bag.
University of Alabama	Crimson-white.
University of California	Blue and Gold, besides eighteen university publications.
University of Chicago	Daily Journal, Weekly, Monthly, Annual.
University of Cincinnati	Student Journal.
University of Colorado	Silver and Gold, Portfolio.
University of Georgia	Pandora.
University of Kansas	Courier, Journal, University Review, University Lawyer, Kikalee, University Quarterly.
University of Michigan	Daily Journal, Weekly, Monthly Magazine, Palladium.
University of Minnesota	Ariel, Quarterly Bulletin, Gopher, Junior Annual, Engineering Year-Book, Handbook.
University of Missouri	Independent, Argus, Savitar.
University of Nashville	Peabody Record, Historical Magazine.
University of Nebraska	Nebraskan, Hesperion, Literary Magazine, Handbook, Sombrero.
University of North Carolina	Tarheel, Hellenian, Athletic Journal.
University of North Dakota	Student.
University of Notre Dame	Scholastic.
University of Omaha	Star.
University of Pennsylvania	Pennsylvanian, Courier, Ben Franklin, Red and Blue, Class Record.
University of Rochester	Interpres.
University of South Dakota	Volant.
University of Tennessee	University Magazine, Scientific Magazine, Handbook.
University of Texas	Monthly Magazine.
University of the South	Journal.
University of Utah	Chronicle, University Quarterly.
University of Vermont	Cynic, Ariel.
University of Virginia	College Topics, University Magazine, Corks and Curls, Quarterly Bulletin, Handbook.

University of Washington....	Pacific Wave.
University of Wisconsin.....	Trochos, Badger, besides several scientific publications.
Upper Iowa University.....	Fayette Collegian.
Vanderbilt University.....	Hustler, Observer, Comet.
Wabash College.....	Wabash, Literary Monthly, Ouiatenon.
Wake Forest College.....	Student.
Washington University, Mo.	Student Life.
Wellesley College.....	Wellesley Magazine, Legenda.
Wesleyan University.....	Argus, Lit, Ollapod.
Western College.....	Era.
Western Reserve University..	Reserve, Amulet, Transcript, Occidentalian, Folio.
Western University of Pennsylvania.....	Western University Courant, Clinic.
Westminster College, Pa.....	Holcad.
West Virginia University....	Athenæum.
Willamette University.....	Collegian.
William and Mary College..	William and Mary Magazine, Quarterly.
Williams College.....	Williams Weekly, Literary Monthly.
Wittenberg College.....	Wittenberger, Cycle.
Wofford College.....	Wofford College Journal.
Yale University.....	Yale Literary Monthly, Yale Banner, Yale Courant, Record, Pot-pourri, Daily News, Alumni Weekly, Law Journal.

OLD UNIVERSITIES.

Showing Dates of their Foundation down to 1636.

Eleventh Century, Bologna, Paris.
Twelfth Century, Oxford, Cambridge.
1181. Montpellier, France.
1222. Padua, Italy.
1224. Naples, Italy.
1233. Toulouse, France.
1243. Salamanca, Spain.
1266. Perugia, Italy.
1303. Rome, Italy.
1339. Grenoble, France.
1343. Pisa, Italy.
1346. Valladolid, Spain.
1348. Prag, Bohemia.
1357. Siena, Italy.
1361. Pavia, Italy.
1364. Cracow, Poland.
1365. Vienna, Austria.
1386. Heidelberg, Germany.
1402. Würzburg, Germany.
1409. Leipzic, Germany.
1409. Aix-en-Provence, France.
1411. St. Andrews, Scotland.
1412. Turin, Italy.
1419. Rostock, Germany.
1422. Besançon, France.
1422. Parma, Italy.
1426. Löwen, Belgium.
1431. Poitiers, France.
1437. Caen, France.
1441. Bordeaux, France.
1450. Barcelona, Spain.
1450. Glasgow, Scotland.
1456. Greifswald, Germany.
1457. Freiburg, Germany.
1460. Basel, Switzerland.
1465. Pressburg, Hungary.
1472. Munich, Germany.
1474. Saragossa, Spain.
1477. Upsala, Sweden.
1477. Tübingen, Germany.
1478. Copenhagen, Denmark.
1494. Aberdeen, Scotland.
1500. Valencia, Spain.
1502. Sevilla, Spain.
1502. Halle, Germany.
1504. Santiago, Spain.
1508. Madrid, Spain.
1527. Marburg, Germany.
1531. Granada, Spain.
1531. Sarospatak, Hungary.
1537. Lausanne, Switzerland.
1544. Königsberg, Germany.
1556. Sassari, Sardinia.
1558. Jena, Germany.
1559. Geneva, Switzerland.
1567. Strassburg, Germany.
1572. Genoa, Italy.
1575. Leiden, Holland.
1583. Edinburgh, Scotland.
1586. Graz, Austria.
1591. Trinity College, Dublin, Ireland.
1604. Oviedo, Spain.
1605. Manilla, Philipine Islands, Asia.
1607. Giessen, Germany.
1614. Groningen, Holland.
1632. Dorpat, Russia.
1636. Utrecht, Holland.
1636. Harvard, America.

COLLEGE POLITICS.

Preferences of some Professors and Students during the Recent Campaign. Furnished to the College Year-Book by School Commissioner Hubbell, of New York.

Name of College.	For Gold.		For Silver.	
	Professors.	Students.	Professors.	Students.
Atlanta University	25	Great majority.	None.	A few.
Baker University	20	Almost unanimous.	None.	A few.
Bates College	13	250	None.	25
Bowdoin College	18	Great majority.	None.	A few.
Brown University	Almost all.	Almost all.	President.	A few.
Claflin University	All.	All.	None.	None.
Clark University	All.	Majority.	None.	Some.
Colby University	16	Majority.	None.	10
Colgate University	24	125	None.	10
Columbia University	Majority.	800	....	....
Cornell University	174	1200	1	600
Dartmouth College	All.	402	None.	30
Franklin College	9	60	2	25
Hamilton College	18	135	None.	12
Harvard University	....	1811	....	109
Hillsdale College	15	93	None.	15
Knox College	24	312	None.	51
Knoxville College	3	1	3	....
Lafayette College	28	285	None.	15
Leland Stanford, Jr. Univ.	60	400	6	100
Middlebury College	10	2	104	None.
Morningside College	7	75	1	15
Ohio University	14	....	None.	....
Olivet College	13	Great majority.	None.	A few.
Pennsylvania College	15	136	1	34
Southwest Baptist College.	None.	2	7	170
St. John's College (Anna.)	15	Majority.	None.	Some.
Swarthmore College	All.	Majority.	None.	Some.
Syracuse University	Almost unanimous.	Almost unanimous	....	....
Tufts College	40	200	None.	7
Trinity College	20	Almost unanimous	None.	3
University of California	Large majority.	....	Unknown.	....
University of Minnesota	Majority.	Majority.	....	....
University of Nebraska	56	400	5	325
University of New Mexico	9	....	2	....
University of Virginia	All.	Four fifths.	None.	½
University of Wooster	10	156	2	24
Urbana University	2	Five sixths.	None.	⅙
Washington and Lee Univ.	Majority.	....	....	....
Wesleyan University	All.	Majority.	....	....
Whitman College	10	150	2	6
Williams College	29	350	None.	10
Yale University	Almost unanimous.	1693	....	138

MATRICULATION.

TABLE SHOWING MOST FREQUENTED UNIVERSITIES DURING LAST YEAR.

Paris	11,010	Graz	1,55
Berlin	8,652	University of Nebraska	1,550
Vienna	6,714	University College, London	1,500
Madrid	5,829	Würzburg	1,492
Naples	5,040	Bukharest	1,490
Moscow	4,118	Löwen	1,475
Budapest	3,892	Upsala	1,459
Harvard	3,800	Bologna	1,457
Munich	3,561	Lemberg	1,445
Athens	3,331	Coimbra	1,429
Oxford	3,256	Tokyo	1,390
Michigan	3,014	Palermo	1,369
Manchester	3,000	Prag	1,369
Leipzic	2,957	Lille	1,351
Edinburgh	2,924	Montpellier	1,338
Cambridge	2,895	Charkow	1,313
Prague	2,859	Brussels	1,309
St. Petersburg	2,804	Cracow	1,304
University of Pennsylvania	2,632	Breslau	1,262
Kief	2,417	Pavia	1,272
Yale	2,415	Toronto	1,269
Minnesota	2,400	Lüttich	1,260
Turin	2,355	Boston	1,252
Bordeaux	2,159	Salamanca	1,247
Glasgow	2,080	Amsterdam	1,241
Lyons	2,043	Heidelberg	1,232
California	2,000	Freiburg	1,216
Columbia	1,943	Christiania	1,200
Rome	1,916	Rennes	1,178
Nottingham College	1,902	Tübingen	1,165
Barcelona	1,887	Erlangen	1,135
Chicago	1,850	Dublin	1,124
Washington University, St. Louis	1,752	Leeds College	1,116
College of City of New York	1,695	Princeton	1,109
Cornell	1,688	Leland Stanford Jr.	1,100
Halle	1,666	Columbian University	1,069
Padua	1,656	McGill, Canada	1,051
Bonn	1,613	Strassburg	1,016
Toulouse	1,561	Genoa	1,010
University of Wisconsin	1,534	Innsbruck	1,008
Dorpat	1,555	Santiago, Chile	1,000

UNIVERSITY EXTENSION.

THE purpose of the University Extension movement, which was originated by the University of Cambridge, in England, and subsequently spread to the United States, is to provide the means of higher education for persons of all classes and of both sexes engaged in the regular occupations of life. It is intended for all who are willing to give some of their time to study and instruction under the guidance of men who have had university training. It offers:

First — Education by means of systematic courses of lectures and classes in the subjects usually taught at high schools and universities.

Second — Illustrated lectures and classes in literature, art, and science, with the purpose of teaching the appreciation of the beautiful, and rendering life more interesting and enjoyable.

Third — Lectures and classes in history, civics, and economics, designed to aid the citizen in studying the problems of free government and modern life and to encourage a sense of responsibility, habits of sound thinking, and right conduct.

The American Society for the Extension of University Teaching was founded at Philadelphia in June, 1890. Its objects are:

First — To organize groups of people into centres, and to bring together these centres and competent lecturers, chosen from the list of instructors, whose qualifications to teach have been passed upon by the Society.

Second — To coöperate as far as possible with institutions of learning and other bodies with the purpose of bringing to the many the best thought of the few, to keep the University Extension idea before the country by the Society's agents and publications.

The present Board of Directors is constituted as follows: M. G. Brumbough, Charles A. Brinley, Charles E. Bushnell, John H. Converse, Walter C. Douglas, Charles C. Harrison, Theodore N. Ely, Rev. John S. MacIntosh, Frederick B. Miles, William H. Ingham, Joseph G. Rosengarten, Justus C. Strawbridge, Charlemagne Tower, Jr., Henry S. Pancoast, Stuart Wood. The Acting Secretary of the Society is John Nolen. In the first year of work twenty-three centres were organized, at which some three hundred lectures were given to an estimated attendance of ten or twelve thousand people. The second season witnessed a satisfactory increase in the number of centres, with a corresponding increase in the number of lectures and students. In the academic year 1893–94 there were given under the auspices of the American Society one hundred and fourteen regular lecture courses, thirty-one class courses, and fifty Summer Meeting courses, or one hundred and ninety-five courses in all, averaging a little over six lectures each. In the year 1894–95 one hundred and twenty-six regular courses were given, nine class courses, and forty-one Summer Meeting courses, or one hundred and seventy-six courses in all, averaging about six lectures each. Through the "circuit" or union of five or six towns which join to engage the same lecturer, towns distant from university centres have enjoyed the advantages of the system, and even villages of a few hundred inhabitants have been able to secure courses.

In addition to the winter lectures at the centres, the Society has entered upon two other lines of educational activity. The first is the formation of classes of from twenty to seventy-five members, which, under the direction of its lecturers, engage in the study of history, literature, or civics, through consecutive periods of from three to six months. The classes are intended to supplement the work of the "Local Centres" proper, and in places where conditions do not admit of the formation of a centre, to supply, as far as possible, its place. The second is the Summer Meeting, which was started in Philadelphia in 1893, where courses were given during four weeks by some of the most eminent professors of Harvard, John Hopkins, Cornell, and the University of Pennsylvania.

The second session of the University Extension Summer Meeting, held in July, 1894, in the buildings of the University of Pennsylvania, continued the general courses in history, literature, and other subjects treated in the first session, and provided in addition thoroughly well-equipped departments in economics, pedagogy, and music. In the Department of Economics advanced courses were offered by members of the faculties of Political Science in Yale, Columbia, Brown, Cornell, Amherst, and the University of Pennsylvania. In 1895 departments were organized of psychology, music, biology, civics, and mathematics. The summer courses in literature and history were confined to Greek life and thought, and were followed in 1896 by courses in Roman history and literature with subsequent study of the Middle Ages, to the Renaissance and Reformation.

From Philadelphia the movement has extended to many states. In Massachusetts a committee of leading college men is acting in coöperation with the American Society. In Rhode Island Brown University has organized many centres. In Connecticut representatives of Yale, Wesleyan, Trinity, and the Hartford Theological Seminary are on the Executive Committee of the State branch of the American Society. In New York the University of the State, through its Secretary, Mr. Melvil Dewey, has arranged for Extension lectures in many important towns and cities. Rutgers College, as the agricultural college of New Jersey, has offered scientific courses especially for the farmers of the state. The Universities of Wisconsin, Indiana, Kansas, and California have done much for their respective states. Chicago University has made for University Extension a special department. Conferences held from time to time in Philadelphia have been an important feature of the movement. The first World's Congress on University Extension was held in Chicago in August, 1893.

The literature of the Society is now abundant. The single volume most in use is the "Handbook of University Extension." The "Proceedings of the first National Conference," in Philadelphia, contains much interesting matter. The American Society publishes in addition *The Citizen*, a monthly journal, containing articles of such a character as to be supplementary to the teaching of the Society, book reviews and notes, and University Extension news and announcements. Further information can be obtained by addressing the secretary at 111 South Fifteenth St., Philadelphia.

STATISTICS OF EDUCATION.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.

FROM THE LAST REPORT OF THE FEDERAL COMMISSIONER OF EDUCATION.

States and Territories.	Institutions.	Professors and Instructors.				Students.							
		Preparatory Departments.	Collegiate Departments.	Professional Departments.	Total Number.	Preparatory Departments.	Collegiate Departments.	Graduate Departm'ts.		Professional Departments.	Total Number in all Departments.		
								Resident.	Non-resident.		Male.	Female.	Total.
N. Atlantic Div.													
Maine	3	...	41	16	57	...	604	...	...	111	569	146	715
New Hampshire	1	...	30	16	48	...	355	6	...	132	494	...	494
Vermont	2	...	35	20	55	...	320	...	...	163	453	84	537
Massachusetts	9	32	307	277	614	454	3,605	424	16	1,617	5,893	351	6,244
Rhode Island	1	...	64	...	64	...	563	63	38	...	583	81	664
Connecticut	3	...	163	75	245	...	2,066	158	...	387	2,496	100	2,596
New York	23	170	582	307	1,013	3,302	5,389	554	294	2,119	10,762	853	11,615
New Jersey	4	24	121	3	135	244	1,394	92	8	32	1,713	25	1,738
Pennsylvania	30	121	456	273	783	1,859	4,649	199	41	1,873	7,858	1,190	9,048
S. Atlantic Div.													
Delaware	1	...	13	...	13	...	80	...	...	...	80	...	80
Maryland	10	68	155	31	217	842	839	344	...	130	1,830	234	2,064
Dist. of Columbia	4	30	95	130	244	352	499	29	...	1,179	2,010	320	2,330
Virginia	9	34	115	18	152	400	1,219	5	3	373	1,763	208	1,971
West Virginia	4	4	24	2	35	101	388	...	...	47	445	156	601
North Carolina	13	49	105	30	165	1,126	1,231	15	23	271	2,265	595	2,860
South Carolina	9	27	70	10	89	634	600	3	3	55	1,176	395	1,571
Georgia	10	35	70	23	126	1,320	806	9	...	102	1,622	630	2,252
Florida	5	33	22	2	53	451	136	...	...	12	316	283	599

S. Central Div.													
Kentucky	15	47	96	28	180	1,055	1,474	2	4	366	2,736	818	3,554
Tennessee	23	115	224	149	418	2,423	2,099	36	13	1,193	4,591	1,636	6,227
Alabama	9	20	69	9	96	542	1,047	15	...	28	1,205	447	1,652
Mississippi	5	15	35	1	48	213	528	3	21	20	781	239	1,020
Louisiana	9	59	88	40	182	1,067	859	23	...	505	2,329	575	2,904
Texas	13	68	107	30	196	1,721	1,401	13	5	308	2,524	1,315	3,839
Arkansas	9	24	52	...	71	584	612	...	2	18	740	608	1,348
Oklahoma	1	3	4	...	6	124	1	...	...	...	91	72	163
Indian Territory	1	4	4	2	7	46	20	...	...	8	39	31	70
N. Central Div.													
Ohio	40	257	467	211	905	4,395	4,453	110	250	1,385	8,116	3,970	12,086
Indiana	15	86	215	39	328	1,291	2,220	85	13	371	2,946	1,074	4,020
Illinois	31	239	476	294	958	3,541	3,727	311	91	3,263	10,111	3,141	13,252
Michigan	11	103	200	68	300	1,702	2,318	81	52	1,364	4,028	1,951	5,979
Wisconsin	10	53	134	43	205	829	1,526	66	44	354	2,423	600	3,023
Minnesota	11	79	200	82	272	776	1,960	95	...	654	2,496	1,029	3,525
Iowa	23	131	211	134	413	2,331	2,058	49	21	954	4,041	2,651	6,665
Missouri	30	184	265	81	528	3,289	2,565	15	16	474	4,968	2,251	7,219
North Dakota	3	31	33	...	37	355	63	...	...	...	224	205	429
South Dakota	6	48	47	...	70	770	180	...	...	...	520	512	1,032
Nebraska	10	125	163	81	296	1,633	1,253	37	4	309	2,256	1,199	3,455
Kansas	18	131	189	28	297	1,811	1,591	30	10	173	2,981	1,678	4,659
Western Div.													
Montana	1	5	11	...	16	41	25	...	...	...	50	47	97
Wyoming	1	2	12	...	14	51	36	...	...	...	49	59	108
Colorado	4	22	47	95	143	266	229	6	8	206	474	239	713
New Mexico	1	7	4	...	7	142	2	...	...	...	64	80	144
Arizona	1	8	12	...	12	31	27	...	...	...	40	18	58
Utah	1	15	14	...	18	46	52	1	...	...	184	201	385
Nevada	1	7	11	...	17	118	72	2	...	...	95	97	192
Idaho	1	13	11	...	13	216	16	...	...	...	145	87	232
Washington	7	30	50	...	67	410	349	6	...	...	503	563	1,066
Oregon	8	62	45	67	158	781	338	1	...	149	767	719	1,486
California	16	89	299	156	512	1,503	2,551	138	13	560	3,687	1,364	5,051
N. Atlantic Div.	76	347	1,799	987	5,013	3,859	18,945	1,496	397	6,434	30,821	2,830	33,651
S. Atlantic Div.	65	280	669	246	1,[illegible]94	5,226	5,798	405	29	2,169	11,507	2,821	14,328
S. Central Div.	85	355	679	259	1,204	7,775	8,041	92	45	2,446	15,036	5,741	20.777
N. Central Div.	208	1,467	2,600	1,061	4,609	22,723	23,914	879	501	9,301	45,083	20,261	65,344
Western Div.	42	260	516	318	977	3,605	3,717	154	21	915	6,058	3,474	9,532
United States	476	2,709	6,263	2,871	10,897	45,188	60,415	3,026	993	21,265	108,505	31,527	143,632

States and Territories, 1893–94.	Income in 1893–94.				Benefactions.	Libraries, Bound Volumes.	Value of Scientific Apparatus and Libraries.	Value of Grounds and Buildings.	Productive Funds.
	From Tuition Fees.	From Productive Funds.	From U. S. Government, State, or Municipal Appropriations.	Total Income.					
N. Atlantic Div.									
Maine	$47,881	$54,939	.....	$102,820	$167,105	98,630	$114,397	$900,000	$1,321,000
New Hampshire	34,091	36,960	$7,500	90,138	15,127	75,000	100,000	500,000	1,076,622
Vermont	7,632	39,294	35,530	82,850	7,450	63,735	173,000	365,000	601,000
Massachusetts	660,495	743,518	.....	1,559,809	277,580	558,563	1,281,748	7,171,000	13,283,115
Rhode Island	59,374	143,304	.....	222,678	69,224	80,000	232,600	1,250,000	1,201,531
Connecticut	437,626	275,867	10	734,531	400,949	280,000	150,635	6,712,300	5,323,295
New York	713,748	1,100,710	170,006	2,306,360	573,264	722,915	2,642,039	12,103,635	22,576,060
New Jersey	45,610	188,000	34,000	367,610	.....	133,869	570,000	1,920,000	3,200,000
Pennsylvania	568,548	278,996	72,500	1,000,735	792,144	450,938	1,019,712	7,983,141	6,311,908
S. Atlantic Div.									
Delaware	.....	4,980	18,200	24,451	.....	6,267	36,334	80,000	83,000
Maryland	157,816	120,455	18,500	328,124	20,699	150,520	253,200	1,787,000	3,048,500
Dist. of Columbia	85,000	20,394	28,800	157,010	5,200	95,531	143,000	2,500,000	415,000
Virginia	94,175	99,823	40,000	297,775	22,565	141,050	403,200	2,123,000	1,867,982
West Virginia	9,483	6,965	41,700	58,382	3,500	10,767	5,000	307,000	111,200
North Carolina	60,082	39,647	20,000	144,503	30,352	80,600	110,200	1,226,200	518,316
South Carolina	19,373	32,715	53,434	122,022	4,600	63,950	20,200	865,000	514,000
Georgia	31,755	51,012	23,222	129,649	33,922	61,204	114,750	1,666,000	940,217
Florida	17,962	10,965	4,000	46,402	75,667	9,900	13,000	280,000	149,000
S. Central Div.									
Kentucky	68,429	69,967	.....	145,545	51,725	50,888	46,000	1,024,000	1,222,453
Tennessee	146,518	124,912	21,460	332,788	58,776	134,858	259,120	2,910,450	2,140,740
Alabama	64,965	27,100	1,515	101,595	2,025	36,850	35,675	778,500	351,200
Mississippi	37,000	42,243	8,100	77,413	4,864	24,000	70,000	480,000	704,400
Louisiana	69,131	114,358	9,201	200,190	151,741	75,100	69,500	1,668,378	1,659,398

Texas	125,894	77,242	46,200	277,985	24,100	36,145	97,350	1,356,500	736,821
Arkansas	39,534	3,030	.....	55,064	9,215	12,800	13,950	297,000	45,500
Oklahoma	700	...	7,000	7,700	.....	200	1,200	50,000	.....
Indian Territory	700	...	.....	5,070	.....	800	500	35,000	.....
N. Central Div.									
Ohio	308,757	360,459	172,850	974,295	543,247	357,693	730,050	6,678,000	6,652,697
Indiana	230,762	105,224	44,000	418,071	49,010	181,876	304,494	3,906,692	2,130,582
Illinois	458,498	335,098	175,882	1,081,185	1,736,742	499,940	735,950	6,453,400	6,749,590
Michigan	172,460	98,382	250,000	598,430	193,731	181,576	603,690	1,818,922	1,591,703
Wisconsin	50,613	77,310	310,095	498,487	140,837	105,950	239,500	2,141,000	1,378,743
Minnesota	104,321	80,996	103,500	340,270	45,442	73,883	198,520	2,629,237	1,666,750
Iowa	161,137	94,476	67,000	346,053	165,975	123,697	177,823	2,317,528	1,547,502
Missouri	308,310	181,800	31,979	542,472	323,513	147,551	201,050	4,203,200	2,955,958
North Dakota	2,006	...	36,900	44,776	9,155	7,068	21,250	205,000	.....
South Dakota	22,900	4,044	28,550	64,027	101,757	9,277	10,050	439,000	63,400
Nebraska	58,167	20,256	152,170	248,730	44,840	49,474	215,300	1,702,550	222,770
Kansas	131,080	1,900	85,000	272,474	16,000	68,255	224,900	1,743,300	669,000
Western Div.									
Montana	5,900	...	.....	5,900	40,000	1,500	2,500	50,000	.....
Wyoming	255	188	22,797	23,240	.....	2,926	25,000	125,000	.....
Colorado	19,709	21,186	70,000	121,372	1,800	22,000	93,500	1,102,680	387,729
New Mexico	.....	.....	14,000	14,000	.....	200	500	40,000	.....
Arizona	.....	.....	41,706	42,291	.....	872	35,000	66,000	.....
Utah	.....	.....	37,500	39,225	60,000	15,000	45,000	280,000	.....
Nevada	.....	.....	44,000	44,000	.....	4,920	25,000	85,500	.....
Idaho	.....	393	58,412	58,805	5,000	2,000	15,000	130,000	3,487
Washington	22,149	500	19,500	54,839	5,624	11,964	29,450	1,004,000	3,500
Oregon	33,753	24,180	30,000	88,533	103,400	18,425	23,400	536,000	371,000
California	182,206	133,264	154,137	484,938	2,637,373	154,230	650,250	5,067,900	2,730,383
N. Atlantic Div.	2,575,005	2,861,588	319,546	6,447,531	2,302,843	2,463,650	6,284,131	38,905,076	54,894,531
S. Atlantic Div.	475,646	386,956	247,856	1,308,318	196,505	620,389	1,098,884	10,834,200	7,647,215
S. Central Div.	532,871	458,852	93,476	1,203,350	302,446	372,641	593,295	8,599,828	6,860,512
N. Central Div.	2,009,011	1,389,945	1,457,326	5,429,270	3,370,249	1,806,240	3,669,577	34,237,829	24,628,695
Western Div.	263,972	179,711	492,052	977,143	2,853,197	234,037	944,600	8,487,080	*3,496,099
United States	5,856,505	5,277,052	2,610,856	15,365,612	9,025,240	5,496,957	12,590,487	101,064,013	98,505,272

Proportion of College Students attending Colleges of their own States.

	Per cent.
North Carolina	88.11
California	87.32
Massachusetts	85.58
Tennessee	85.57
Alabama	85.02
Michigan	84.45
Virginia	83.50
Indiana	83.21
Minnesota	83.19
Kansas	82.68
Texas	82.00
Oregon	81.31
Nebraska	80.48
Kentucky	79.94
Iowa	79.51
Utah	79.29
Mississippi	78.85
Georgia	78.73
South Dakota	78.56
South Carolina	78.11
Louisiana	77.31
Ohio	75.79
Wisconsin	73.46
Missouri	72.74
Colorado	72.02
Nevada	71.11
Arkansas	71.10
Pennsylvania	71.09
Rhode Island	69.26
Wyoming	67.31
Arizona	65.79
New York	65.38
Illinois	64.98
Maine	63.96
Washington	63.02
North Dakota	62.60
Maryland	62.16
Montana	60.00
Connecticut	59.89
West Virginia	58.12
Florida	57.95
New Mexico	56.06
Vermont	53.83
District of Columbia	46.15
New Jersey	44.72
New Hampshire	41.13
Idaho	36.84
Delaware	36.31
Oklahoma	6.67

STATISTICS OF ILLITERACY.

CENSUS OF 1890.

States and Territories.	Population, 10 years of age and over			White Population, 10 years of age and over.		Native White Population, 10 years of age and over		Foreign White Population, 10 years of age and over.		Colored Population,* 10 years of age and over	
	Total.	Illiterates.		Illiterates.		Illiterates.		Illiterates.		Illiterates.	
		Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
Ala.	1,069,545	438,535	41.0	107,335	18.2	106,235	18.4	1,100	7.9	331,200	69.1
Ari.	46,076	10,785	23.4	8,956	21.1	2,056	7.9	6,900	42.2	1,829	50.9
Ark.	787,113	209,745	26.6	93,090	16.3	92,052	16.6	1,038	7.5	116,655	53.6
Cal.	989,896	75,902	7.7	40,233	4.5	10,113	1.7	30,120	10.5	35,669	39.3
Col.	327,896	17,180	5.2	15,474	4.8	9,235	3.8	6,239	7.8	1,706	25.0
Conn.	609,830	32,194	5.3	30,536	5.1	4,300	1.0	26,236	14.9	1,658	15.8
Del.	131,967	18,878	14.3	8,186	7.4	6,068	6.2	2,118	16.8	10,692	49.5
D. C.	188,567	24,884	13.2	3,495	2.7	1,803	1.7	1,692	9.3	21,389	35.0
Flo.	283,250	78,720	27.8	18,516	11.3	16,685	11.3	1,831	10.8	60,204	50.6
Geo.	1,302,208	518,706	39.8	114,691	16.3	113,945	16.5	746	6.4	404,015	67.3
Ida.	62,721	3,225	5.1	2,119	3.5	867	1.9	1,252	8.3	1,106	48.6
Ill.	2,907,671	152,634	5.2	140,219	4.9	64,380	3.1	75,839	9.4	12,415	27.0
Ind.	1,674,028	105,829	6.3	94,334	5.8	78,638	5.3	15,696	11.0	11,495	32.2
Ia.	1,441,308	52,061	3.6	49,828	3.5	20,649	1.8	29,179	9.3	2,233	26.4
Kan.	1,055,215	42,079	4.0	29,719	2.9	17,157	2.0	12,562	8.8	12,360	32.5
Ky.	1,360,031	294,381	21.6	183,851	15.8	178,159	16.1	5,692	9.8	110,530	55.9
La.	794,683	364,184	45.8	80,939	20.1	72,013	20.3	8,926	18.7	283,245	72.1
Me.	541,662	29,587	5.5	29,108	5.4	11,443	2.5	17,665	24.1	479	31.8
Md.	798,605	125,376	15.7	44,653	7.0	32,105	5.9	12,548	13.8	80,723	50.1
Mass.	1,839,607	114,468	6.2	111,442	6.1	9,727	0.8	101,715	16.2	3,026	15.4
Mich.	1,619,035	95,914	5.9	91,076	5.7	27,016	2.5	64,060	12.4	4,838	29.2
Minn.	962,350	58,057	6.0	56,966	5.9	7,112	1.4	49,854	11.1	1,091	23.3
Miss.	902,028	360,613	40.0	45,755	11.9	44,987	11.9	768	10.1	314,858	60.9
Mo.	1,995,638	181,368	9.1	133,806	7.1	112,938	6.8	20,868	9.1	47,562	41.7
Mon.	107,811	5,884	5.5	4,232	4.1	1,020	1.6	3,212	8.2	1,652	36.3
Neb.	771,659	24,021	3.1	21,575	2.8	7,412	1.3	14,163	7.3	2,446	25.7
Nev.	38,225	4,897	12.8	1,356	4.2	173	0.8	1,183	10.0	3,541	59.7
N. H.	315,497	21,476	6.8	21,340	6.8	3,679	1.5	17,661	26.3	136	23.3
N. J.	1,143,123	74,321	6.5	63,163	5.7	21,351	2.7	41,812	13.3	11,158	28.4
N. M.	112,541	50,070	44.5	43,265	41.6	40,065	42.8	3,200	30.5	6,805	80.6
N. Y.	4,822,392	266,911	5.5	255,498	5.4	57,362	1.8	198,136	13.1	11,413	18.4
N. C.	1,147,446	409,703	35.7	173,722	23.0	173,545	23.1	177	5.0	235,981	60.1
N. D.	129,452	7,743	6.0	7,528	5.8	929	1.8	6,599	8.7	215	47.4
Oh.	2,858,659	149,843	5.2	132,244	4.7	82,673	3.5	49,571	11.1	17,599	25.4
Ok.	44,701	2,400	5.4	1,503	3.5	1,342	3.4	161	6.1	897	39.2
Or.	244,374	10,103	4.1	6,946	3.0	3,302	1.8	3,644	7.9	3,157	27.6
Penn.	4,063,134	275,353	6.8	254,663	6.4	110,737	3.5	143,926	17.8	20,690	23.2
R. I.	281,959	27,525	9.8	26,355	9.6	4,087	2.3	22,268	22.1	1,170	18.5
S. C.	802,406	360,705	45.0	59,443	17.9	59,063	18.1	380	6.3	301,262	64.1
S. D.	236,208	9,974	4.2	9,564	4.1	1,811	1.2	7,753	9.0	410	33.4
Tenn.	1,276,631	340,140	26.6	172,169	17.8	170,318	18.0	1,851	9.5	167,971	54.2
Tex.	1,564,755	308,873	19.7	132,389	10.8	89,829	8.3	42,560	29.6	176,484	52.5
Utah.	147,227	8,232	5.6	7,407	5.1	2,219	2.3	5,188	10.3	825	46.1
Vt.	271,173	18,154	6.7	17,986	6.7	7,211	3.2	10,775	25.8	168	21.3
Va.	1,211,934	365,736	30.2	105,058	13.9	103,265	14.0	1,793	10.1	260,678	57.2
Wash.	275,639	11,778	4.3	8,261	3.1	2,467	1.3	5,794	7.0	3,517	44.6
W. V.	549,538	79,180	14.4	68,188	13.0	65,420	12.9	2,768	15.1	10,992	44.4
Wis.	1,258,390	84,745	6.7	82,984	6.6	15,613	2.1	67,371	13.4	1,761	36.7
Wy.	47,755	1,630	3.4	1,408	3.0	427	1.3	981	7.1	222	16.8
Totals	47,413,559	6,324,702	13.3	3,212,574	7.7	2,065,003	6.2	1,147,571	13.1	3,112,128	56.8

* Persons of negro descent, Chinese, Japanese, and civilized Indians.

RATIO OF ADULTS UNABLE TO WRITE TO TOTAL POPULATION (1889): England, 9 per cent; Scotland, 6; Ireland, 23; France, 15; Germany, 4; Russia, 85; Austria, 45; Italy, 53; Spain, 72; Switzerland, 5; Belgium, 20; Netherlands, 14; Scandinavia, 3.—*Mulhall.*

INTERCOLLEGIATE DEBATES.

HARVARD-YALE.

1. At Cambridge, January 14, 1892. — Subject: "Resolved, That a young man casting his first ballot in 1892 should vote for the nominees of the Democratic Party."
Affirmative. — Yale: W. P. Aiken, W. E. Thoms, R. D. Upton.
Negative. — Harvard: G. P. Costigan, A. P. Stone, R. C. Surbridge.
No judges.

2. At New Haven, March 25, 1892. — Subject: "Resolved, That immigration to the United States be unrestricted."
Affirmative. — Harvard: J. S. Brown, F. W. Dallinger, E. H. Warren.
Negative. — Yale: J. J. Ingersoll, T. Mullally, W. A. McQuaid.
No judges.

3. At Cambridge, January 18, 1893. — Subject: "Resolved, That the power of railroad corporations should be further limited by National legislation."
Affirmative. — Yale; H. S. Cummings, F. E. Donnelly, E. R. Lamson.
Negative. — Harvard: A. P. Stone, E. H. Warren, Carl Vrooman.
Harvard won.

4. At New Haven, May 2, 1893. — Subject: "Resolved, That the time has now arrived when the policy of protection should be abandoned by the United States."
Affirmative. — Yale: H. E. Buttrick, G. L. Gillespie, R. H. Tyner.
Negative. — Harvard: F. W. Dallinger, H. C. Lakin, F. C. McLaughlin.
Harvard won.

5. At Cambridge, January 19, 1894. — Subject: "Resolved, That independent action in politics is preferable to party allegiance."
Affirmative. — Yale: W. H. Clark, W. H. Cox, J. W. Peddie.
Negative. — Harvard: A. S. Apsey, A. S. Hayes, H. L Prescott.
Judges. — Prof. E. J. James, of the University of Pennsylvania; Carl Schurz, of New York; and General Francis A. Walker, Pres. of the Mass. Inst. of Technology.
Harvard won.

6. At New Haven, April 27, 1894. — Subject: "Resolved, That members of the Cabinet should be made full members of the House of Representatives."
Affirmative. — Yale: G. H. Baum, H. E. Buttrick, H. H. Kellogg.
Negative. — Harvard: W. P. Douglas, W. E. Hutton, C. A. Duniway.
Judges. — Rev. Dr. W. S. Rainsford, of New York; Governor D. Russell Brown, of Rhode Island, and Brander Matthews, of Columbia College.
Harvard won.

7. At Cambridge, January 18, 1895. — Subject: "Resolved, That attempts of employers to ignore associations of employés, and to deal with individual workmen only, are prejudicial to the best interests of both parties."
Affirmative. — Harvard: T. L. Ross, R. C. Ringwalt, H. A. Bull.
Negative. — Yale: E. M. Long, W. H. Clark, C. L. Clarke.
Judges: Judge J. M. Barker, Massachusetts Supreme Court; Professor D. R. Dewey, Mass. Inst. of Technology, and Rt. Rev. William Lawrence, Bishop of Massachusetts.
Harvard won.

8. At New Haven, May 1, 1896 — Subject: "Resolved, That a permanent court of arbitration should be established by the United States and Great Britain."
Affirmative. — Harvard: W. B. Parker, A M. Sayre, F. R. Steward.
Negative. — Yale: R. S. Baldwin, W. H. Clarke, A. P. Stokes.
Judges: Elihu Root, Albert H. Shaw, and W. H. Page.
Yale won.

FRESHMAN DEBATES.

1. At New Haven, May 10, 1895. — Subject: "Resolved, That the President's term should be increased to six years, and that he should be ineligible for re-election."
Affirmative. — Harvard: C. Grilk, C. E. Morgan, H. T. Reynolds.
Negative. — Yale: C. E. Julin, H. Bingham, Jr., F. E. Richardson.
Judges: Dr. W. L. Phelps, Governor Coffin, ex-Governor Morris, and President Burton, of Trinity College.
Yale won.

2. At Cambridge, May 15, 1896. — Subject: "Resolved, That there should be a large and immediate increase in the sea-going navy of the United States."
Affirmative. — Harvard: P. G. Carleton, W. H. Conroy, W. Morse.
Negative. — Yale: J. K. Clark, C. L. Darlington, E. T. Noble.
Judges: President Capen, Professor J. W. Churchill, and Henry Clapp.
Harvard won.

HARVARD-PRINCETON.

1. At Princeton, March 27, 1895. — Subject: "Resolved, That if it were possible a reasonable property qualification for the municipal franchise in the United States would be desirable."
Affirmative. — Princeton: W. H. Butler, H. E. White, J. W. Park.
Negative. — Harvard: C. A. Duniway, W. E. Hutton, F. Dobyns.
Judges: Rev. David H. Greer, Hon. G. L. Rives, and Professor George Chase.
Harvard won.

2. At Cambridge, March 13, 1896. — Subject: "Resolved, That Congress should take immediate steps toward the retirement of all legal tenders."
Affirmative. — Princeton: H. Ure, R. McN. McElroy, F. W. Loetscher.
Negative. — Harvard: F. Dobyns, J. P. Warren, W. S. Youngman.
Judges: Hon. George F. Williams, Prof. A. T. Hadley, and Prof. Richmond Mayo-Smith.
Harvard won.

PRINCETON-YALE.

1. At Princeton, March 15, 1893. — A debate was held between the members of the Yale Union and members of the Whig and Cliosophic Societies of Princeton, but no decision was rendered.

OTHER DEBATES.

Dual Debating Leagues were formed in 1894–95 between the University of Pennsylvania and Cornell, and between Leland Stanford, Jr. University and the University of California.

In 1895, students of the University of Michigan debated with those of the University of Wisconsin and Northwestern University.

In 1896 the students of the University of Michigan held their second debate with Northwestern University and also debated with the University of Chicago.

In the same year students of Boston University debated with those of Wesleyan University and Bates College.

ATHLETIC RECORD.

TRACK AND FIELD.

INTERCOLLEGIATE RECORDS.

100-Yard Run	9⅘ sec.	B. J. Wefers, Georgetown	1896
220-Yard Run	21¼ "	B. J. Wefers, Georgetown	1896
Quarter-Mile Run	49¼ "	G. B. Shattuck, Amherst	1892
Half-Mile Run	1 m. 56⅘ "	E. Hollister, Harvard	1896
One-Mile Run	4 " 23⅘ "	G. W. Orton, Pennsylvania	1895
One-Mile Walk	6 " 52⅘ "	F. H. Borcherling, Princeton	1893
120-Yard Hurdles	15⅘ "	H. L. Williams, Yale Stephen Chase, Dartmouth	1891 1895
220-Yard Hurdles	24⅘ "	J. L. Bremer, Harvard	1895
Standing High Jump	5 ft. 3½ in.	Ray C. Ewry	1896
Running High Jump	6 ft. 1 in.	J. S. Winsor, Pennsylvania	1896
Running Broad Jump	22 " 11¼ "	Victor Mapes, Columbia	1891
Pole Vault	11 " 2⅘ "	C. T. Buchholz, Pennsylvania W. W. Hoyt, Harvard	1895 1895
Throwing 16-lb. Hammer	135 " 7½ "	W. O. Hickok, Yale	1895
Putting 16-lb. Shot	44 " 11½ "	W. O. Hickok, Yale	1895

For wheeling records see page 495.

MISCELLANEOUS AMATEUR RECORDS.

R. Sheldon holds the record for throwing the discus, 111 feet 8 inches.
C. Fulforth holds the record for running the bases 15⅘ seconds.
A. F. Camacho holds the running high jump record on skates, 3 feet 1⅘ inches.
S. D. See holds the running broad jump record on skates, 15 feet 2 inches.
H. Adams holds the record for throwing lacrosse ball, 497 feet 9½ inches.
R. C. Campbell holds the record for throwing baseball, 381 feet 2½ inches.
C. R. Partridge holds the record for batting baseball, 354 feet 10 inches.
W. H. Game holds the record for throwing cricket ball, 382 feet 3 inches.
W. P. Chadwick holds the record for kicking football from a place kick, 200 feet 8 inches.
J. E. Duffy holds the record for kicking football from a drop kick, 168 feet 7½ inches.
Using both hands and feet, L. Strange climbed up and down 60 feet of rope in 4 minutes.
Using the hands alone, B. Sanford climbed 18 feet of rope in 5½ seconds.
Using the hands alone, E. E Allen climbed 38 feet of rope in 20⅘ seconds.
J. B. Connolly holds record of 49 feet ½ inch for running two hops and jump.

HOPPING.

Distance.	Holder.	Time.
50 yards	S. D. See	7½ sec.
80 "	S. D. See	10⅘ "
100 "	S. D. See	13⅘ "

Running Backward.

Distance.	Holder.	Time.
50 yards	S. S. Schuyler	7½ sec.
75 "	S. S. Schuyler	11½ "
100 "	A. Forester	14 "

Three-Legged Running.

Distance.	Team.	Time.
		m. s.
50 yards	C. S. Busse and H. H. Morrell	6⅜
60 "	C. S. Busse and C. L. Jacquelin	8
100 "	C. S. Busse and H. H. Morrell	12⅜
110 "	W. H. Ludington, Jr., and C. H. Sherrill, Jr.	14⅞
150 "	C. S. Busse and H. C. Jacquelin	20⅜
176 "	C. S. Busse and H. H. Morrell	24
200 "	A. Randolph and H. D. Reynolds	28⅛
220 "	F. C. Puffer and H. K. Zust	33
⅛ mile	M. A. Dewey and W. J. Battey	56
¼ "	P. Ayers and H. F. McCoy	1 25⅜

Lifting.

Style.	Holder.	Pounds.
With the hands alone	H. Leussing	1,384
With harness	W. B. Curtis	3,239

Sack-Racing.

Distance.	Name.	Time.
50 yards	R. A. Stackpole	7½ sec.
60 "	J. M. Nason	9 "
75 "	S. D. See	12⅜ "
100 "	J. M. Nason	15 "
⅛ mile	J. H. Clark	35⅜ "

Over Hurdles.

Distance.	Hurdles.	Height.	Name.	Time.
Yards.		ft.		sec.
50	4	1	J. M. Nason	9⅜
75	6	1	J. M. Nason	16
110	10	1½	C. M. Cohen	21½

AMATEUR SKATING.

Distance.	Time.	Holder.
	h. m. s.	
50 yards	6	S. D. See and C. B. Davidson.
75 "	7⅜	S. D. See.
100 "	7	H. Davidson.
150 "	14⅕	G. D. Phillips and S. D. See.
200 "	16⅜	J. C. Hemment.
300 "	29⅝	G. D. Phillips.
440 "	31¼	J. S. Johnson.
½ mile	1 5⅝	J. F. Donoghue.
1 "	2 12⅜	Tim Donoghue, Jr.
2 miles	5 45⅝	Olaf Rudd.
3 "	8 48⅜	J. Nilsson.
4 "	12 00⅛	J. Nilsson.
5 "	14 59	J. Nilsson.
10 "	31 11⅛	J. S. Johnson.
15 "	49 07⅜	A. D. Smith.
20 "	1 06 36⅜	A. D. Smith.
25 "	1 31 29	J. F. Donoghue.
50 "	3 15 59⅜	" "
100 "	7 11 38⅛	" "

AMATEUR JUMPING.

Style.	Name.	Distance.
		ft. in.
Standing broad jump	A. T. Schwaner	10 9⅞
Running broad jump	C. S. Reber and C. B. Fry also Wood of England	23 6½
Standing high jump	Ray C. Ewry	5 3½
Running high jump	M. F. Sweeney	6 5⅝
Standing hop, step, and jump	J. W. Rich	29 11
Running hop, step, and jump	E. B. Bloss	48 6
Pole vault for height	W. S. Rodenbaugh	11 5⅜
Pole leap for distance	A. H. Green	27 5

WEIGHT-THROWING.

Performance.	Thrower.	Distance.
		ft. in.
Putting 16-lb. shot	Geo. R. Gray	47 0
Putting 21-lb. shot	Geo. R. Gray	39 1½
Putting 20-lb. shot	Geo. R. Gray	38 7½
Putting 24-lb. shot	Geo. R. Gray	33 11¾
Throwing 16-lb. hammer	J. S. Mitchell	145 0¾
Throwing 21-lb. hammer	C. Queckberner	90 3
Throwing discus (4½-lb) Greek record	Robert Garrett	95 7
Throwing discus (American record)	Richard Sheldon	111 8

AMATEUR HURDLE RACING.

Distance.	Hurdles.	Height.		Name.	Time.
Yards.		ft.	in.		sec.
60	5	2	6	A. A. Jordan	8¼
60	5	3	6	A. A. Jordan	8⅜
75	6	2	6	H. H. Baxter	10¾
100	8	2	6	A. A. Jordan	13¼
100	8	3	6	H. L. Williams	13½
120	10	2	6	A. F. Copeland	14⅜
120	6	3	0	H. G. Otis	17
120	10	3	0	G. H. Taylor	18¼
120	10	3	6	S. Chase	15⅝
200	10	3	6	F. C. Puffer	26⅜
220	10	2	6	Bingham	24⅜
220	10	3	0	C. J. Wiegand	28⅜
220	10	3	6	J. Lafon	34½
440	10	2	6	Jerome Buck	56⅝
440	10	3	6	H. W. Batges	61⅝

AMATEUR SWIMMING.

MEN.

Distance.	Time.	Holder.
	min. sec.	
50 yards (still water)	31⅝	W. B. Izard.
100 yards (still water)	1 15⅞	W. C. Johnson.
440 yards (3 turns, still water)	5 49¼	J. H. Tyers (Eng.).
880 yards	13 20	J. H. Tyers.
1 mile (3 turns)	27 21⅝	J. H. Tyers.
175 feet (under water with one turn)		E. M. Vandervoort.

WOMEN.

150 yds.	2 40	Miss M. Howarth (Eng.)	20 miles (Thames River)	6 25 00	Miss A. Beckwith (Eng.)
1 mile.	35 34½	Miss T. Johnson			
2 miles.	1 21 27	Miss L. Sergeman			

ENGLISH WALKING RECORDS.

4,000 quarter miles in 4,000 periods of ten minutes (walking a quarter mile at the commencement of and within each consecutive ten minutes). — Performed twice by William Gale, at the Canton Hotel Grounds, Cardiff, June 28 to July 25, 1877, and at the Agricultural Hall, London, October 21 to November 17, 1877.

1,500 miles in 1,000 hours (mile and a half each hour, starting at the commencement of the hour). — Successfully performed by William Gale (height 5 feet 3½ inches) at Lillie Bridge. He commenced his task at 2.20 A.M. on Sunday, August 26, 1887, and completed it on Saturday, October 6, at 5h. 16m. 59s. P.M.

In 1788 Foster Powell walked from London to York and back again in 140 hours. In 1809 Captain Barclay walked 1,000 miles in 1,000 consecutive hours.

GENERAL RECORDS.

RUNNING.

Distance.	Professional.	Time.	Amateur.	Time.
		h. m. s.		h. m. s.
35 yds.	.....	.....	A. W Grosvenor	4
40 "	.....	.....	F. H Bigelow	4⅘
50 "	H. M. Johnson	5¼	L. E. Myers	5⅘
75 "	James Quirk	7¼	L. H Cary and B. J. Wefers	7⅘
100 "	H. Bethune	*9⅘	J. Owens, Jr. and B. J. Wefers	9⅘
120 "	Geo. Seward (Eng.)	11½	B. J. Wefers	11⅘
			C. H. Sherrill	12⅘
125 "	J. W. Cozad	12½	J. Owens, Jr.	14⅘
150 "	H. Hutchens	14½	C. G. Wood (Eng.)	14⅘
			E. H. Pelling	19⅘
200 "	Geo. Seward	19½	B. J. Wefers	21⅘
220 "	H. Hutchens	21⅜	J. H. Maybury and B. J. Wefers	21⅘
With turn.	.....	.....	B. J. Wefers	30⅘
300 yds.	H. Hutchens	30	W. Baker	47⅘
440 "	R. Buttery	48¼	T. E. Burke	1 11
600 "	J. Nuttal	1 13	C. J. Kilpatrick	1 53⅘
880 "	F. Hewitt	1 53½		
	English	Record	T. P. Conneff	3 2⅘
¾ mile.	W. Richards	3 07	T. P. Conneff	4 15⅘
1 "	W. G. George	4 12¾	T. P. Conneff	5 38⅘
1¼ "	W. Lang	5 30	T. P. Conneff	6 46
1½ "	W. Cummings	6 43½	W. G. George (Eng.)	9 17⅘
2 "	W. Lang (Eng.)	9 11½		
2½ "	P. Cannon (Scot.)	12 06½	W. G. George	12 06
3 "	P. Cannon	14 19½	S. Thomas	14 24
4 "	P. Cannon	19 25⅘	C. E. Willers	19 33⅘
5 "	J. White (Eng.)	24 40	S. Thomas (Eng.)	24 53⅘
	American	Record	E. C. Carter	25 21⅘
10 "	W. Cummings (Eng.)	51 06⅘	W. D. Day	52 38⅘
25 "	G Mason (Eng.)	2 36 34	G. A. Dunning (Eng.)	2 33 44
50 "	G. Cartwright	5 55 04½	J. E. Dixon (Eng.)	6 18 26½
100 "	C. Rowell	13 26 30	J. Saunders	17 36 14
150 "	C. Rowell	22 28 25	.....	.....

* A professional sprinter, Barnes, was credited with running the distance in 9⅘s., July, 1893, but it was not authenticated.

Time.	Name.	Distance.
1 hour	Deerfoot (Indian).....	11 miles 970 yards
24 "	Charles Rowell.....	150 " 395 "
36 "	Charles Rowell.....	204 " 880 "
48 "	Charles Rowell.....	258 " 220 "
72 "	Charles Rowell.....	353 " 220 "
100 "	P. Fitzgerald.....	455 " 1,320 "
142 " (6 days).....	G. Littlewood.....	622 " 1,320 "

WALKING.

Distance.	Professional.	Time.	Amateur.	Time.
		h. m. s.		h. m. s.
75 yds.	.....	.....	T. J. Mott	12½
1 m.	W. Perkins (Eng.).	6 23	F. P. Murray (Am.)	6 29⅜
2 "	J. W. Raby "	13 14	W. J. Sturgess (Eng.)	13 33
3 "	" "	20 21½	E. P. Murray (Am.)	21 09½
4 "	" "	27 38	W. J. Sturgess	29 01⅝
5 "	" "	35 10	" "	36 27
6 "	" "	43 01	" "	43 58¾
7 "	" "	51 04	" "	51 27
8 "	J. Meagher (Am.).	58 37	" "	58 56
9 "	J. W. Raby (Eng.).	1 07 14	E. E. Merrill (Am.)	1 10 08
10 "	" "	1 14 45	" "	1 17 40¾
15 "	" "	1 55 56	T. Griffith (Eng.)	2 0 27
20 "	W. Perkins "	2 39 57	" "	2 47 52
25 "	W. Franks "	3 35 14	W. E. N. Coston (Eng.)	3 53 35
50 "	J. Hibberd "	7 54 16	A. W. Sinclair "	8 25 00½
100 "	W. Howes "	18 8 15	" "	19 41 50
500 "	Littlewood "	130 34 00	.....	

Time.	Professional.	Distance.	Amateur.	Distance.
24 hrs.	W. Howes (Eng.)	127 miles 1,201 yds.	A. W. Sinclair (Eng.)	120 miles.

Greatest Distance in One Hour.

Distance.	Professional.	Amateur.
8 miles 302 yds. 7 " 1,487⅔ "	J. Meagher.	H. H. Curtis.

Greatest Distance in Two Hours.

15 miles 824 yds. 13 " 900 "	W. Perkins (Eng.).	W. O'Keefe (Am.).

Greatest Distance in Three Hours.

22 miles 456½ yds. 19 " 1,685 "	H. Thatcher (Eng.).	W. E. N. Coston (Eng.).

Greatest Distance in Four Hours.

27¼ miles 25 " 1,070 yds.	W. Franks (Eng.).	W. E. N. Coston (Eng.).

INTER-COLLEGIATE ATHLETIC CHAMPIONSHIPS, MANHATTAN FIELD, NEW YORK, MAY 30, 1896.

Events. 1st place, 5 p'ts. 2d place, 2 p'ts. 3d place, 1 p't.	Yale.	Pennsylvania.	Harvard.	Georgetown.	Columbia.	Boston Univ.	Williams.	Cornell.	Princeton.	Washington and Jefferson.	Columbian.	Winners.	Winner's Performance.
													m. s.
100-yard dash...	...	...	...	5	...	...	2	1	...	...	...	Wefers, Patterson, Bowen.	9⅘
220-yard dash...	...	...	1	5	...	...	2	...	...	...	...	Wefers, Patterson, Denholm.	21¼
Quarter-mile run.....	2	...	...	...	...	5	...	...	1	...	...	Burke, Fisher, Colfelt.	50⅘
Half-mile run...	2	...	5	...	1	...	...	...	...	...	...	Hollister, Hinckley, Schaff.	1 56⅘
One-mile run....	...	7	1	...	...	...	...	...	...	...	...	Jarvis, Orton, Grant.	4 28⅘
One-mile walk	6	2	...	...	...	...	...	...	...	...	...	Thrall, Fetterman, Darrach.	6 54⅘
120-yard hurdles	7	...	...	...	1	...	...	...	...	...	...	Perkins, Hatch, Bijur.	16⅘
220-yard hurdles	3	...	5	...	...	...	...	...	...	...	...	Bremer, Sheldon, Perkins.	25
													ft. in.
Running high jump.....	...	5	...	...	...	...	...	2	...	1	...	Winsor, Powell, Craighead.	6 1
Running broad jump.....	5	1	2	...	...	...	...	...	...	...	...	L. P. Sheldon, Mason, Buchholz.	22 3½
Pole vault.....	5½	2	...	...	½	...	...	...	...	...	...	Allis, Stewart, Smith-Van Winkle.	11 2⅘
Throwing 16-lb. hammer.....	6	2	...	...	...	...	...	...	...	...	...	Chadwick, Woodruff, Cross.	132 6½
Putting 16-lb. shot.....	5	3	...	...	...	...	...	...	...	...	...	R. Sheldon, Woodruff, Knipe.	41 11½
Bicycle meet....	2	½	...	...	5	...	...	...	...	...	½	See bicycle table, p. —	
Total points...	43½	22½	14	10	7½	5	4	3	1	1	½		

INTERCOLLEGIATE ATHLETIC ASSOCIATION GAMES.

INDIANA INTERCOLLEGIATE ATHLETIC ASSOCIATION.

Annual games, May 29, 1896, at Lafayette, Ind. The score by points for the championship pennant was as follows: Purdue, 64; Rose, 54; Earlham, 27; De Pauw, 16; Wabash, 4; Indiana, 1.

100-yard run. — Castleman, De Pauw University, 10⅝s.; Beckman, Purdue U., 2; Buschman, P. U., 3.

220-yard run. — Beckman, P. U., 23⅜s.; Castleman, De P. U., 2; Jones, Earlham College, 3.

440-yard run. — Jones, E. C., 53⅝s.; Castleman, De P. U., 2; Cassady, P. U., 3.

1-mile run. — Greene, P. U., 4m. 47⅞s.; Hester, E. C., 2; Freelich, Rose Polytechnic Institute, 3.

120-yard hurdle race. — L. A. Test, P. U., 19s.; Hellwig, R. P. I., 2; Ristine, Wabash C., 3.

1-mile walk. — Shaver, R. Polytechnic Institute, 6m. 56⅝s.; Treat, P. U., 2; Pearson, R. P. I., 3.

Half-mile bicycle race. — W. J. Klinger, R. P. I., 1m. 7⅝s.; P. W. Klinger, R. P. I., 2; Good, P. U., 3.

1-mile bicycle race. — W. J. Klinger, R. P. I., 3m. 13¾s.; P. W. Klinger, R. P. I., 2; Stout, E. C., 3.

Standing high jump. — Ewry, P. U., 5ft. 3½in.; Liggett, R. P. I., 2; Robertson, P. U., 3.

Running high jump. — Robertson, P. U., 5ft. 4½in.; Ewry, P. U., 2; Haworth, E. C., 3.

Running high kick. — Ewry, P. U., 9ft. 3in.; Haworth, E. C., 2; Schwed, R. P. I., 3.

Standing broad jump. — Ewry, P. U., 10ft. 8in.; McClellan, R. P. I., 2; Liggett, R. P. I., 3.

Running broad jump. — Hester, E. C., 19ft. 6in.; Ristine, W. C., 2; jumper, R. P. I., 3.

Running hop, step and jump. — Hester, E. C., 43ft. 2½in.; Haworth, E. C., 2; Cook, P. U., 3.

Pole vault. — McMeans, R. P. I., 9ft. 8½in.; Crebs, R. P. I., 2; Stokesbury, Ind. U. 3.

Putting 16-lb. shot. — Rollins, D. P. U., 36ft. 9½in.; Kerchival, P. U., 2; Robertson, P. U., 3.

Throwing 16-lb. hammer. — Alward, P. U., 105ft.; Robertson, P. U., 2; Hubbell, R. P. I., 3.

IOWA INTERCOLLEGIATE ATHLETIC ASSOCIATION.

Annual games held May 29, 1896, at Marshalltown.

50-yard run. — Rush, Iowa College, 6s.; Spencer, Iowa Agricultural C., 2; Neff, Cornell C., 3.

100-yard run. — Rush, I. C., 10s.; Wolf, Upper Iowa University, 2; Spencer, I. C., 3.

220-yard run. — Rush, I. C., 23⅕s.; Skiff, Grinnell University, 2; Fuller, C. C., 3.

440-yard run. — Rush, I. C., 52s.; Miller, Drake C., 2; Fuller, C. C., 4.

Half-mile run. — Palmer, G. U., 2m. 4s.; Griffiths, Ames U., 2; Fellows, G. U., 3.

1-mile run. — Palmer, G. U., 5m. 15s.; Fellows, G. U., 2.

120-yard hurdle race. — Wolf, Fayette C., 18s.; Clark, G. U., 2; French, F. C., 3.

220-yard hurdle race. — Clark, G. U., 27⅜s.; Gwinn, Drake U., 2; Comstock, F. U., 3.

1-mile walk. — Marsh, G. U., 7m. 46⅕s.; Brunner, D. U., 2; Philpot, State Normal S., 3.

Half-mile bicycle race. — Reed, I. C., 1m. 9s.; Nutting, U. I. U., 2; Tildon, A. C., 3.

1½-mile bicycle race. — Reed, I. C., 1m. 9s.; Nutting, U. I. U., 2; Tildon, A. C., 3.

2-mile bicycle race. — Nutting, F. C., 5m. 33⅜s.; Wilson, Cedar Falls, C., 2; Adams, C. C., 3.

Running high jump. — Sexton, A. C., 5ft. 4in., Wolf, U. I. U., 2; Jones, D. U., 3.

Running broad jump. — Hamilton, D. U., 20ft. 1½in.; Wolf, F. C., 3.

Running hop, step, and jump. — Hamilton, D. U., 43ft. 9¾in.; French, F. C., 2; Wolf, F. C., 3.

Pole vault. — Weaver, A. C., 9ft. 6in.; McIntyre D. U., 2; Peck, G. U., 3.

Putting 16-lb. shot. — Gwinn, D. U., 36ft.; Gray, G. U., 2; Wiley, U. I. U., 3.

Throwing hammer. — Lowe, D. U., 102ft.; Fauts, D. U., 2; Vancampen, A. C., 3.

New England Intercollegiate Athletic Association.

Tenth annual games held May 23, 1896, at Lakeview, Mass.

The score is as follows: Dartmouth, 6 firsts, 2 seconds, and 4 thirds, 40 points; Brown, 3 firsts, 4 seconds, and 1 third, 28 points; Amherst, 1 first, 3 seconds, and 5½ thirds, 19½ points; Bowdoin, 1 first, 3 seconds, and 2 thirds, 16 points; Wesleyan, 2 firsts and 1 second, 13 points; Trinity, 1 first and 1 second, 8 points; Massachusetts Institute of Technology, 1 first and 1 third, 6 points; Tufts, 1 second and 1 third, 4 points; Worcester Polytechnic Institute, ½ third, ½ point.

100-yard run. — Final heat, D. F. O'Brien, Brown University, 10⅘s.; H. M. Sears, Dartmouth College, 2; H. H. Christopher, D. C., 3.

220-yard run. — Final heat, D. F. O'Brien, B. U., 23⅕s.; R. T. Elliott, Amherst U., 2; C. Kendall, Bowdoin C., 3.

440-yard run. — Final heat, G. B. Stebbins, Massachusetts Institute of Technology, 52⅘s.; R. T. Elliott, A. U., 2; W. H. Ham, D. C., 3.

Half-mile run. — C. E. Bolser, D. C., 2m. 2s.; H. P. Kendall, A. U., 2, by a few inches; A. W. Boston, D. C., 3, by a foot.

1-mile run. — J. N. Pringle, D. C., 4m. 42⅘s.; A. F. Tower, Wesleyan U., 2; S. B. Furbish, A. U., 3.

2-mile run. — F. A. Tower, W. U., 10m. 27⅘s.; O N. Bean, B. U., 2; J. G. Sinkinson, B. C., 3.

120-yard hurdle race. — Final heat, S. Chase, D. C., 16⅕s.; J. H. Horne, B. C., 2; A. Mossman, A. U., 3.

220-yard hurdle race. — Final heat, S. Chase, D. C., 26⅕s.; J. H. Horne, B. C., 2; A. Mossman, A. U., 3.

1-mile walk. — H. F. Houghton, A. U., 7m. 16⅘s.; E. E. Tyzzer, B. U., 2; W. J. Bartlett, B. U., 3.

2-mile bicycle race. — Final heat, G. L. Gary, D. C., 6m. 28⅕s.; C. M. Donahue, Tufts College, 2, by 4 feet; H. B. Farnum, M. I. T., 3.

Running high jump. — I. K. Baxter, Trinity C., 5ft. 9⅞in.; E. G. Little, Trin. C., and M. H. Tyler, A. U., tied for second place at 5ft. 0in., and Little won the jump off at 5ft. 7in.

Running broad jump. — S. Chase, D. C., 20ft. 5in.; J. H. Horne, B. C., 20ft. ⅛in.; T. W. Chase. D. C., 19ft. 5⅛in.

Pole vault. — W. A. Wyatt, W. U., 10ft. 8⅞in.; R. P. Willier, D. C., 10ft. 6in.; E. L. Morgan, A. U., and H. E. Scott, Worcester Polytechnic Institute, tied for third place at 10ft. 3in., and Morgan won the medal by a toss, while the point was divided.

Putting 16-lb. shot. — E. S. Godfrey, B. C., 38ft. 6⅛in.; F. E. Smith, B. U., 38ft. 1⅞in.; M. H. Tyler, A. U., 35ft. 8in.

Throwing 16-lb. hammer. — F. E. Smith, B. U., 123ft. 8⅛in.; J. P. Coombs, B. U., 108ft. 2in.; B. E. Healey, Tufts C., 103ft.

New York Intercollegiate Athletic Association.

Annual games held May 23, 1896, at Syracuse, N. Y. The score by points was as follows: Syracuse, 99; Rochester, 25; Colgate, 2.

100-yard run. — Final heat, C. D. Whittemore, Syracuse University, 10⅘s.; H. G. Lee, S. U., 2; U. G. Warren, S. U., 3.

220-yard run. — C. D. Whittemore, S. U., 23s.; H. G. Lee, S. U., 2; W. W. Barker, Colgate U., 3.

Quarter-mile run. — E. F. Davidson, Rochester University, 52⅘s.; C. D. Whittemore, S. U., 2; H. G. Gere, S. U., 3.

Half-mile run. — E. F. Davidson, R. U., 2m. 3⅘s.; F. Z. Lewis, S. U., 2; H. B. Pratt, S. U., 3.

1-mile run. — R. Hebblethwaite, S. U., 4m. 51s.; F. Z. Lewis, S. U., 2; J. C. Boland S. U., 3. E. F. Davidson, R. U., finished first, but was disqualified for spiking Lewis.

120-yard hurdle race. — Final heat, U. G. Warren, S. U., 18⅘s.; R. B. Adams, S. U., 2; R. C. Purdy, S. U., 3.

220-yard hurdle race. — Final heat, U. G. Warren, S. U., 28s.; R. B. Adams, S. U., 2; R. C. Purdy, S. U., 3.

1-mile walk. — E. H. Kraus, S. U., 7m. 21⅘s.; C. H. Munson, S. U., 2; W. J. K. Gere, S. U., 3.

2-mile bicycle race. — E. Murray, S. U., 5m. 52s.; A. R. Moulthrop, R. U., 2; R. B. Adams, S. U., 3; D. F. Brown, S. U., finished second, but was disqualified for fouling Adams.

Running high jump. — G. H. Davis, R. U., 5ft. 8in.; J. Schaefer, S. U., F. H. White, C. U., and Baird, R. U., tied for second place. Schaefer won the jump off, and White took third medal by a toss.

Running broad jump. — C. D. Whittemore, S. U., 20ft. 11⅞in.; W. F. Frasch, R. U., 2; C. E. White, S. U., 3.

Pole vault. — H. G. Lee, S U., and C. D. Dann, S. U., tied for first place at 9ft. 10in., and Lee won the vault off; J. H. Acheson, R. U., 3.

Putting 16-lb. shot. — W. S. Mulholland, S. U., 38ft. 8⅛in.; H. A. O'Day, S. U., 2; C. H. Munson, S. U., 3.

Throwing 16-lb. hammer. — W. S. Mulholland, S. U., 90ft. 2⅛in.; C H. Munson, S. U., 2; H. A. O'Day, S. U., 3.

Pennsylvania Intercollegiate Athletic Association.

Eleventh annual games held May 16, 1896, at Easton, Pa. The score by points was as follows: Lafayette, 46; Swarthmore, 42; State College, 14; Western University, 8.

100-yard run. — G. O. Barclay, Lafayette College, 10⅘s.; Clarke, L. C., 2; G. B. Walbridge, L. C., 3.

220-yard run. — E. E. Mayer, Western University of Pennsylvania, 23⅘s.; Barclay, L. C., 2; G. B. Walbridge, L. C., 3.

440-yard run. — J. D. Clarke, L. C., 52⅘s.; G. B. Walbridge, L. C., 2; C. B. Hoadley, Swarthmore C., 3.

Half-mile run. — A. Reese, L. C., 2m. 7s.; H. L. Price, Pennsylvania State C., 2; A. L. Patton, S. C., 3.

1-mile run. — Clothier, S. C., 5m. 56s.; Jeffries, S. C., 2; A. A. Marshall, W. U. of P., 3.

120-yard hurdle race — J. D. Clarke, L. C., 19s.; L. S. Taylor, S. C., 2; F. R. Bareson, S. C., 3.

220-yard hurdle race. — J. D. Clarke, L. C., 28⅘s.; J. N. McKibben, P. S. C., 2; W. J. Polk, L. C., 3.

1-mile walk — P. Parrish, S. C., 7m. 38s.; H. Lippincott, S. C., 2; A. W. Whetson, S. C., 3.

2-mile bicycle race. — H. O. Webster, S. C., 6m.; E. D. Hubbard, S. C., 2; H. D. Campbell, S. C., 3.

Running high jump. — L. Thomas, S. C., 5ft. 8in.; N. Friezil, W. U. of P., 2; G. B. Walbridge, L. C., 3.

Running broad jump. — G. O. Barclay, L. C., 21ft. 3in.; F. L. Thomas, S. C., 2; E. O. Rawn, P. S. C., 3.

Pole vault. — F. L. Thomas, S. C., 9ft. 7in.; W. C. DeGarmo, S. C., 2; C. M. Thompson, P. S. C., 3.

Putting 16-lb. shot. — B. F. Fisher, Jr., P. S. C., 37ft 2⅘in.; G. B. Walbridge, L. C., 2; E. V. Rawn, P. S. C., 3.

Throwing the hammer. — C. R. Rinehart, L. C., 106ft. 9in.; B. F. Fisher, P. S. C., 2; G. B. Walbridge, L. C., 3.

Southern Intercollegiate Athletic Association.

The annual games were held May 15, 1896, on Vanderbilt field. Of thirteen colleges in the association seven competed.

100-yard run. — W. F. Ward, Vanderbilt U., 10⅘s.; J. A. Seldon, Sewanee U., 2; L. G. H. Williams, S. U., 3.

220-yard run. — W. N. Davis, Vanderbilt U., 24⅘s.; W. F. Ward, V. U., 2; L. G. H. Williams, S. U., 3.

440-yard run. — W. B. Stokes, Alabama Pol. Inst., 54⅘s.; C. P. Scott, Central U., 2; H. M. Brogher, Vanderbilt U., finished first, disqualified for fouling.

Half-mile run. — F. W. Van Ness, A. P. I., 2m. 5s. G. P. Scott, Central U., 2.

1-mile run. — H. E. Harvey, A. P. I., 4m. 49s.; H. O. Cecil, C. U., 2; H. C. Mitchell, S. W. Presbyterian Univ., 3.

120-yard hurdle race. — T. Buchanan, Univ. of South, 18s.; H. M. Boogher, Vanderbilt U., 2; H. P. Benedict, U. S., 3.

Running high jump. — T. Buchanan, Univ. of South, 5ft 6⅘in.; C. Ratcliff, Vanderbilt Univ., 5ft. 6in.; F. Walker, Central U., 5ft. 4⅘in.

Running broad jump. — J. A. Omberg, V. U., 19ft. 10⅘in.; W. N. Davis, V. U., 18ft. 9in.; W. T. Ward, V. U., 18ft. 1in.

Pole Vault. — S. H. Worleir, V. U., 9ft. 2in.; A. G. Blacklock, S. U., 9ft.; R. I. More, V. U., 8ft. 2in.

Putting 16-lb. shot. — L. H. Coleman, S. U., 36ft. 8⅘in.; W. P. Connell, V. U., 31ft. 9in.; E. R. Smith, V. U., 30ft. 2⅘ in.

Throwing 16-lb. hammer. — C. D. Wilson, S. P. U., 85ft. 9in.; L. H. Colemore, S. U., 85ft. 4⅘ in.; W. P. Connell, V. U., 68ft. 11in.

Western Pennsylvania Intercollegiate Athletic Association.

Annual games held May 23, 1896, at Pittsburgh, Pa.

The score was, Washington and Jefferson, 60⅘; Western University of Pennsylvania, 33⅘; Geneva, 23.

100-yard run. — Final heat, Stewart, Washington and Jefferson College, 10⅘s.; Boswell, Western University of Pennsylvania, 2; Brownlee, W., and J. C., 3.

220-yard run. — Brownlee, W. and J. C., 24s.; Stewart, W. and J. C., 2; J. Gibson, Geneva C., 3.

440-yard run. — Edwards, W. and J. C., and Miller, W. U. P., a dead heat in 54⅘s.; the points were divided, and Edwards won the medal by a toss; J. W. Gibson, G. C., 3.

Half-mile run. — Whitmore, G. C., 2m. 6⅘s.; Neely, W. U. P., 2, by 2 feet, Marshall, W. U. P., 3.

1-mile run. — H. E. Whitmire, G. C., 5m. 8s.; Marshall, W. U. P., 2; Chambers, W. and J. C., 3.

120-yard hurdle race. — Inglis, W. and J. C., 16⅘s.

220-yard hurdle race. — Inglis, W. and J. C., 27⅘s.; McGiffin, W. and J. C., 2; Friesell, W. U. P., 3.

440-yard bicycle race. — Aughinbaugh, W. U. P., 34s.; Mitchell, W. U. P., 2; Smith, W. and J. C., 3.

2-mile bicycle race. — Aughinbaugh, W. U. P., 5m. 56⅘s.; Roberts, W. and J., 2; Smith, W. and J. C., 3.

Running high jump. — Inglis, W. and J. C., and Craighead, W. and J. C., tied at 5ft. 10½in.; Friesell, W. U. P., 3.

Running high kick; Inglis, W. and J. C., 9ft. 3½in.; D. C. Todd, G. C., 2; Craighead, W. and J. C., 3.

Running broad jump. — McGiffin, W. and J. C., 21ft. 2½ins; Haines, W. U. P., 20ft. 2½in.; Kier, W. U. P., 19ft. 7in.

Pole vault. — Gates, W. and J. C., 9ft. 3½in.; Haines, W. U. P., 2; Euwer, G. C., 3.

Putting shot — Inglis, W. and J. C., 36ft. 6½in.; Hunter, G. C., 2; Glaubitz, W. U. P., 3.

Throwing hammer. — Hunter, G. C., 88ft. 8½in.; Sterrett, G. C., 2; McBurney, G. C., 3.

GAMES BETWEEN COLLEGES.

GEORGETOWN *vs.* COLUMBIAN, AT GEORGETOWN, D. C., MAY, 1869.

100-yard run. — B. J. Wefers, Georgetown University, 9⅘s; J. S. Walsh, G. U., 2; W. E. Fox, G. U., 3.

216⅔-yard run. — B. J. Wefers, G. U., 21⅘s.; J. S. Walsh, G. U., 2; W. E. Fox, G. U., 3.

440-yard run. — B. J. Wefers, G. U., 52⅘s.; W. J. Holt, G. U., 2; J. Dillon, G. U., 3.

880-yard run. — J. M. Gallagher, G. U., 2m. 7⅘s.; W. J. Holt, G. U., 2; F. J. Bowlin, G. U., 3.

1-mile run. — J. Daly, G. U., 4m. 58s.; A. J. Devereaux, G. U., 2; B. McKelden, C. U., 3.

Relay race, high schools of District of Columbia. — Central High School, 1; Eastern High School, 2.

120-yard hurdle race. — F. B. McAnerney, G. U., 20⅘s.; A. J. Devereaux, G. U., 2; E. Cockrell, C. U., 3.

220-yard hurdle race. — J. M. Gallagher, G. U., 27⅘s.; F. B. McAnerney, G. U., 2; A. J. Devereaux, G. U., 3.

1-mile walk. — P. McLaughlin, G. U., 8m. 32⅘s.; J. D. Sullivan, G. U., 2.

1-mile bicycle race. — F. A. Schade, C. U., 2m. 45s.; J. E. Hanger, G. U., 2; H. T. Taggert, G. U., 3.

3-mile bicycle race. — F. A. Schade, C. U., 8m. 34⅘s; J. E. Hanger, G. U., 2; F. Moore, C. U., 3.

Running high jump. — A. McElhone, G. U., 5ft. 3in.; J. Dillon, G. U., 5ft. 2in.; W. Scott, C. U., 3.

Running broad jump. — B. J. Wefers, G. U., 20ft. 6½in.; J. Dillon, G. U., 20ft. 3in.; F. Emmons, C. U., 3.

Pole vault. — A. McElhone, G. U., 10ft. 1in.; F. Emmons, C. U., 9ft. 9in.; J. Dillon, G. U., 3.

Putting 16-lb. shot. — C. A. Shea, G. U., 33ft. 7in.; J. C. McCrea, G. U., 33ft. 4½in.; W. Scott, C. U., 3.

Throwing 16-lb. hammer. — J. C. McCrea, G. U., 104ft. 7½in.; E. Cockrell, C. U., 98ft. 2½in.; C. A. Shea, G. U., 3.

HARVARD *vs.* PENNSYLVANIA.

First Annual Match, May 16, 1896, *Franklin Field, Philadelphia.*

Harvard won 7 firsts, 10 seconds, and 10 thirds, a total of 65 points, while University of Pennsylvania took 7 firsts, 4 seconds, and 4 thirds, a total of 47 points.

100-yard run. — Roche, H. U., 10⅘s.; Denholm, 2; Bigelow, 3.

220-yard run. — Redpath, H. U., 22⅘s.; Bigelow, H. U., 2; Denholm, 3.

440-yard run. — E. Hollister, H. U., 51s.; J. L. Bremer, Jr., H. U., 2 by 5 yards; W. H. Vincent, H. U., 3 by 5 yards; W. S. Hillan, U. of P., 0; W. D. Warren, U. of P., 0; C. C. Harrison, U. of P., 0.

Half-mile run. — E. Hollister, H. U., 1m. 59⅘s.; C. C. Sichel, U. of P., 2 by 10 yards; J. Boardman, H. U., 3 by 5 feet.

1 mile run. — G. W. Orton, U. of P., 4m. 26⅘s.; G. O. Jarvis, U. of P., 2, by

8 yards; D. Grant, H. U., 3, by 6 yards.

120-yard hurdle race. — Munroe, H. U., 16⅘s.; Kubli, H. U., 2; Williams, H. U., 3.

220-yard hurdle race. — Bremer, H. U., 29⅕s.; Mason, H. U., 2; Middleton, U. of P., 3.

1-mile walk. — W. B. Fetterman, Jr., U. of P., 7m. 11⅘s.; J. D. Phillips, H. U., 2, by 20 yards; C. J. Liebman, H. U., 3.

1-mile bicycle race. — Final heat, Douglas, U. of P. 3m. 12⅘s.; Corser, U. of P., 2; Williams, 3.

Running high jump. — J. D. Winsor, U. of P., 5ft. 10in.; W. E. Putnam, Jr., H.U., and E. H. Clark, H. U., tied at 5ft. 9½in.; A. H. Remington, U. of P., 0; C. T. Buchholz, U. of P., 0.

Running broad jump. — F. Mason, H. U., 21ft. 10in.; E. H. Clark, H. U., 21ft. 1in.; J. P. Remington, U. of P., 20ft. 5in.

Pole vault. — C. T. Buchholz, U. of P., 10ft. 10in.; R. L. Emmons, H U., 10ft. 8in.; W. W. Stewart, U. of P., 10ft. 6in.

Putting 16-lb. shot. — W. G. Woodruff, U. of P., 39ft. 4½in.; A. A. Knipe, U. of P., 37ft. 11in.; K. K. Kubli, H. U., 36ft. 9in.

Throwing 16-lb. hammer. — W. G. Woodruff, U. of P., 122ft. 5⅘in.; P. G. Shaw, H. U., 117ft 7in.; W. D. Hennen, H. U., 107ft. 3in.

HILLSDALE COLLEGE *vs.* ADRIAN COLLEGE.

Annual match, May 25, 1896, at Hillsdale. Hillsdale took thirteen firsts and fifteen seconds, while Adrian won four firsts and two seconds. The Frensdorf medal, for individual all-round excellence, was won by Synder, of Hillsdale.

100-yard run. — Snyder, Hillsdale College, 11⅕s.; A. Steele, Adrian C., 2.

220-yard run. — A Steele, A. C., 25s.; Griffith, H. C., 2.

440-yard run. — A. Steele, A. C., 55⅕s.; Dewey, H. C., and Griffith, H. C., a dead heat for second place.

Half-mile run. — Faust, H. C., 2m. 23s.; Burtt, A. C., 2.

1-mile relay race. — Hillsdale: Snyder, Griffith, Alborn, Meyers, 3m. 56s.; Adrian: Burtt, Dewey, Steele, Cairns, 2, by 20 feet.

Quarter-mile bicycle race. — Bailey, H. C., 39s.; Tucker, H. C., 2.

1-mile bicycle-race. — R. Bailey, H. C., 2m. 54s.; Tucker, H. C., finished first in 2m. 51s., but was disqualified.

5-mile bicycle race. — Tucker, H. C., 15m. 22s.; Bailey, H. C., 2.

Running high jump. — Whitney, H. C., 5ft. 6in.; Whipple, H. C., 2.

Standing broad jump. — Neer, A. C., 10ft.; Snyder, H. C., 2.

Running broad jump. — Neer, A. C., 18ft. 9in.; Synder, H. C., 2.

Running hop, step and jump. — Snyder, H. C., 41ft. 4in.; Meyers, H. C., 2.

Pole Vault. — French, H.C., 8ft. 6in.; Whitney, H. C., 2.

Putting the shot. — Manus, H. C., 31ft.; Snyder, H. C., 2.

Only one hammer handle had been provided, and when that broke, in second round, the contest was abandoned.

LAKE FOREST *vs.* NORTH WESTERN.

Lake Forest University and North Western University contested their annual match, May 21, 1896, at Evanston, Ill. The score by points was as follows: Lake Forest, 61; North Western, 47.

100-yard run — Final heat, D. H. Jackson, Lake Forest University, 10⅕s.; A. B. Potter, North Western U., 2: A. B. Jones, N. W. U., 3.

220-yard run. — A. B. Potter, N. W. U., 1, D. H. Jackson, L. F. U., 2: A. R. Jones, N. W. U., 3.

440-yard run. — D. H. Jackson, L. F. U., 56s.; W. F. Jackson, L. F. U., 2; D. L. Gates, N. W. U., 3.

Half-mile run. — H. B. Craigin, L. F. U., 2m. 12s.; J. K. Anderson, L. F. U., 2; D. L. Gates, N. W. U., 3.

1-mile run. — H. B. Craigin, L. F. U., 4m. 45.; R.. K Alcott, L. F. U., 2; W. A. Newton, L. F. U., 3.

120-yard hurdle race. — Final heat, J. J. Jackson, L. F. U., 19⅘s.; C. V. Bettis, L. F. U., 2; J. A. Brown, N. W. U., 3.

220-yard hurdle race. — Final heat, J. J. Jackson, L. F. U., 1; E. R. Perry, N. W. U., 2; J. A. Brown, N.W.U., 3.

Running high jump. — J. K. Anderson, L. F. U., 5ft. 11in., R. W. Holmes, N. W. U., 2; J. J. Jackson, L. F. U., 3.

Running broad jump. — E. R. Perry, N. W. U., 20ft. 1in.; A. B. Potter, N. W. U., 2; J. P. Van Doozen, N. W. U., 3.

Pole vault. — R. E. Wilson, N. W. U., 1; A. R. Jones, N. W. U., 2; E. R. Perry, N. W. U., 3.

Putting 16-lb. shot. — E. R. Perry, N. W. U., 36ft. 4in.; F. A. Brewer, N. W. U., 2; M. Woolsey, L. F. U., 3.

Throwing hammer. — M. Wooley, L. F. U., 93ft. 5in.; G. Lee, L. F. U., 2; J. P. Van Doozen, L. F. U., 3.

LELAND STANFORD JR. *vs.* UNIVERSITY OF CALIFORNIA.

Leland Stanford Jr. University and the University of California contested their third annual match April 25, 1896. Each University tallied 56 points.

100-yard run. — Final heat, Bernhard. Stanford University, 10⅘s.; Brunton, S. U., 2.

220-yard run. — Bernhard, S. U., 23⅕s.; Brunton, S. U., 2; Dickie, University of California, 3.

440-yard run. — Brunton, S. U., 52⅘s.; Magee, U. of C., 2; Colliver, S. U., 3.

880-yard run. — Carroll, U. of C., 2m. 9⅕s.; Brown, U. of C., 2; Smith, S. U., 3.

1-mile run. — Brown, S. U., 4m. 47s.; Smith, S. U., 2; Jackson, U. of C., 3.

120-yard hurdle race. — Torrey, U. of C., 16⅕s.; Bakewell, U. of C., 2; Dole, S. U., 3.

220-yard hurdle race. — Torrey, U. of C., 26s.; Reynolds, S. U., 2; Dole, S. U., 3.

1-mile walk. — Merwin, U. of C., 8m. 22⅘s.; Jack, S. U., 2; Holton, U. of C., 3.

2-mile bicycle race. — Cushing, U. of C., 5m. 43s.; Craft, U. of C., 2; Roper, S. U., 3.

Running high jump. — Dole, S. U., 5ft. 6½in.; Miller, U. of C., 5ft.; Koch, U. of C., 5ft.

Running broad jump. — Brunton, S. U., 20ft. 4in.; Toombs, S. U., 2; Dorn, U. of C., 3.

Pole vault. — Lloyd, U. of C., 10ft. 2½in.; Mumma, U. of C., 10ft.; Dole, S. U., 3.

Putting 16-lb. shot. — Wilbur, S. U., 39ft. 9½in.; Edgren, U. of C. 2; Lloyd, U. of C., 3.

Throwing 16-lb. hammer. — Edgren, U. of C., 136ft. 9in.; Hazzard, S. U., 126ft. 6in.; Wilbur, S. U., 119ft. 11in.

PRINCETON *vs.* COLUMBIA.

Fifth annual match contested May 23, 1896, at Princeton, N. J. Princeton won 8 firsts, 8½ seconds, and 5½ thirds, a total of 62½ points, while Columbia took 6 firsts, 5½ seconds, and 8½ thirds, a total of 49½ points.

100-yard run. — R. Derr, Princeton College, 10s.; F. A. Lane, P. C., 2; J. W. Ehrich, Columbia College, 3.

220-yard run. — R. Derr, P. C., 22⅕s.; J. H. Colfelt, P. C., 2; J. W. Ehrich, C. C., 3.

440-yard run. — A. E. Schoff, C. C., 53⅘s.; J. H. Colfelt, P. C., 2; O. Wagner, C. C., 3.

Half-mile run. — A. E. Schoff, C. C., 2m. 4⅘s.; R. Emerson, C. C., 2; G. W. Bryant, P. C., 3.

1-mile run. — R. H. Bacon, C. C., 4m. 44⅘s.; R. Emerson, C. C., 2; R. L. Eaton, C. C., 3.

120-yard hurdle race. — S. H. Bijur, C. C., 16⅕s.; W. T. Carter, P. C., 2; C. Herndon, P. C., 3.

220-yard hurdle race. — Final heat, S. H. Bijur, C. C., 26⅘s.; W. T. Carter, P. C., 2; J. D. Pell, C. C., 1.

1-mile walk. — E. Q. McVitty, P. C., 7m. 38⅘s.; F. S. Hackett, C. C., 2; S. L. Josephtal, C. C., 3.

5-mile bicycle race — J. R. Parker, P. C., 13m. 46s.; G. Underhill, C. C., 2; W. H. Fearing, Jr., C. C., 3.

Running high jump. — R. Weber, P. C., 5ft. 9½in.; A. A. Forman, Jr., C. C., 5ft. 7½in.; R. Garrett, Jr., P. C., 5ft. 2½in.

Running broad jump. — W. E. Bottger, P. C., 20ft. 9in.; R. Garrett, Jr., P. C., and C. M. Clark, C. C., tied at 20ft. 6½in.

Pole vault. — O. B. Smith, C. C., 10ft. 8in.; A. C. Tyler, P. C., 10ft. 5in.; W. B. Trainor, P. C., 10ft.

Putting 16-lb. shot. — R. Garrett, Jr., P. C., 38ft. 7½in.; D. M. Edwards, P. C., 36ft. 7½in.; G. Carter, C. C., 36ft. 3in.

Throwing 16-lb. hammer. — W. L. Schmalhorst, P. C. 113ft. 3½in.; H. C. Potter, P. C., 106ft. 10½ in.; D. M. Edwards, P. C., 89ft. 1in.

STATE UNIVERSITY OF IOWA *vs.* IOWA COLLEGE.

State University of Iowa and Iowa College held their annual match May 23, 1896, at Grinnell, State University scoring a majority of the points.

40-yard run. — Bailey, Iowa College, 5⅕s.

100-yard run. — Rush, I. C., 10s.

220-yard run. — Rush, I. C., 23⅘s.

440-yard run. — Rush, I. C., 53s.

Half-mile run. — Palmer, I. C., 2m. 14⅕s.

1-mile run. — Palmer, I. C., 5m. 4⅕s.

120-yard hurdle race. — Beven, State University of Iowa, 18⅕s.

220-yard hurdle race. — Clark, I. C., 27s.

1-mile walk. — Williams, S. U. I., 8m. 14s.

Half-mile bicycle race. — Starbuck, S. U. I., 1m. 15s.

2-mile bicycle race. — Starbuck, S. U. I., 2m. 26s.

Running high jump. — Miller, S. U. I., 5ft. 3in.

Running hop, step, and jump. — Miller, S. U. I., 43ft. 1½in.

Pole vault. — Ende, Neal, and Howell tied at 8ft. 11in.

Putting the shot. — Holbrook, S. U. I., 30ft. 4¾in.

Throwing the hammer. — Blodgett, S. U. I., 92ft.

SYRACUSE *vs.* WILLIAMS.

Williams College and Syracuse University contested their annual match May 9, 1896, at Albany, N. Y. The score was: Syracuse, 66; Williams, 46.

100-yard run. — Patterson, Williams College, 10s.; Whittemore, Syracuse University, 2.

220-yard run. — Patterson, W. C., 22⅘s.; Whittemore, S. U., 2; Blake, W. C., 3.

440-yard run. — Lee, S. U., 56⅘s.; Whittemore, S. U., 2; Baillie, W. C., 3.

Half-mile run. — Levis, S. U., 2m. 11⅘s.; Hebblethwaite, S. U., 2; Rowell, W. C., 3.

1-mile run. — Hebblethwaite, S. U., 5m. 25s.; Keep, W. C., 2; Carr, W. C. 3.

120-yard hurdle race. — Putney, W. C., 16⅘s.; Warren, S. U., 2; Dater, W. C. 3.

220-yard hurdle race. — Putney, W. C., 27s.; Warren, S. U., 2; Dater, W. C., 3.

1-mile walk. — Bliss, W. C., 7m. 55s.; Kraus, S. U., 2; Munson, S. U., 3.

2-mile bicycle race. — Murray, S. U., 7m. 2⅘s.; Brown, S. U., 2; Bidwell, W. C., 3.

Running high jump. — Schaeffer, S. U., and Smith, S. U., tied for first place, at 5ft. 2in.; Fifer, W. C., 5ft.

Running broad jump. — Putney, W. C., 20ft. 1in.; White, S. U., 19ft. 10in.; Lee, S. U., 18ft. 8in.

Pole vault. — Lee, S. U., 9ft. 6in.; Fifer, W. C., 9ft. 3in.; Dunn, S. U., 9ft.

Putting 16-lb. shot. — Mulholland, S. U., 35ft. 3½in.; Knight, W. C., 33ft. 5in.; Samoskeog, W. C., 32ft. 1½in.

Throwing the hammer. — Mulholland, S. U., 91ft. 5½in.; Munson, S. U., 86ft. 11in.; O'Day, S. U., 83ft. 8in.

WESLEYAN *vs.* NEW YORK UNIVERSITY.

Annual match May 16, 1896, Ohio Field, University Heights, New York City. Wesleyan won by a score of 53 points to 50 points.

100-yard run. — R. Wightman, New York University, 10⅘s.; J. Heath, N. Y. U., 2; J. Meeker, Wesleyan U., 3.

220-yard run. — H. D. Meeker, W. U., 24⅘s.; G. Chaubot, N. Y. U., 2; R. N. Bennett, W. U., 3.

440-yard run. — A. M. Remington, N. Y. U., 54⅘s.; B. C. Rogers, W. U., 2; A. E. Munson, N. Y. U., 3.

880-yard run. — A. M. Remington, N. Y. U., 2m. 9⅘s.; R. N. Bennett, W. U. 2; T. Bradford, W. U., 3.

1-mile run. — A. M. Remington, N. Y. U., 5m. 10s.; F. C. Tower, W. U., 2; A. C. Bradford, W. U., 3.

120-yard hurdle race. — W. A. Wyatt, W. U., 17⅘s.; A. L'Esperance, N. Y. U., 2; B. Barringer, N. Y. U., 3.

220-yard hurdle race. — A. Smith, N. Y. U., 29⅘s.; T. Russell, N. Y. U., 2; A. S. North, W. U., 3.

1-mile walk. — H. Bill, N. Y. U., 8m. 13s.; N. Hatch, N. Y. U., 2.

Running high jump. — W. A. Wyatt, W. U., 5ft. 5in.; W. Campbell, N. Y. U., 2; R. Wightman, N. Y. U., 3.

Running broad jump. — W. A. Wyatt, W. U., 18ft. 6in.; V. S. Tompkins, N. Y. U., 2; H. Valentine, N. Y. U., 3.

Pole vault. — J. Hinkley. W. U., A. Noyes, W. U., and A. W. Wyatt, W. U., tied at 9ft. and the toss placed them as above.

Putting 16-lb. shot. — J. Noyes, W. U., 34ft. 6in.; E. B. Singer, W. U., 2; H. Mills, N. Y. U., 3.

Throwing 16-lb. hammer. — J. Noyes, W. U., 96ft. 8in.; A. Singer, W. U., 2; G. Brown, N. Y. U., 3.

TRINITY *vs.* WESLEYAN.

Annual games held at Middletown, Conn., May 12, 1896.

The score was: Trinity 69, Williams 66; the details being, Wesleyan 8 firsts 5 seconds and 11 thirds, Trinity 7 firsts 8 seconds and 10 thirds.

100-yard run. — Robins, W. U., 11⅘s., Sparks, T. C., 2; Meaher, W. U., 3.

220-yard run. — Sparks, T. C., 28s.; Leitell, T. C., 2; Robins W. U., 3.

440-yard run. — Hicks, T. C., 57⅘s.; Sparks, T. C., 2; Rogers, W. U., 3.

Half-mile run. — Bennett, W. U., 2m. 12⅘s.; Tower, W. U., 2 Lacour, T. C., 3.

1-mile run. — Bradford, W. U., 5m. 10s.; Tower W. U., 2; Bensen T. C., 3.

2-mile run. — Tower, W. U., 11m. 14⅘s.; White W. U., 2; Rile, W. U., 3.

102-yard hurdle. — Baxter, T. C. 17s.; Littell, T. C., 2; Wyatt, W. U., 3.

220-yard hurdle. — Sparks, T. C., 28s.; Baxter T. C. 2 North W. U. 3.

1-miie walk. — Chandler, W. U., 8m. 18s.; Warner, T. C., 2; Woodward, W. U., 3.

2-mile bicycle race. — Andrew, W. U., 6m. 9s.; Power, W. U., 2: Rockwell, W. U., 3.

Running high jump. — Trinity men took all three places.

Running broad jump. — Baxter, T. C., 19ft. 8in.; Wyatt, W. U., 2.

Pole vault — Wyatt, W. U., 9ft. 10in. Baxter T. C., 2; Hinkley, W. U., 3.

Putting 16-lb. shot. — Woodle, T. C., 35ft. 11in.; Noyes, W. U., 2; Singer, W. U., 3.

Throwing 16-lb. hammer. — Noyes, W. U., 93ft. 2½in.; Woode, T. C., 2; Singer, W. U., 3.

YALE *vs.* PRINCETON.

The first annual match was contested May 16, 1896, at New Haven, Conn.

Yale won 12 firsts, 9 seconds and 9 thirds, — a total of 87 points; Princeton took 2 firsts, 5 seconds and 5 thirds. — a total of 25 points.

100-yard run. — W. B. Burnet, '97, Yale University, 10½s.; R. Derr, '97, Princeton College, 2; F. F. Chappelle, '98, Y. U., 3.

220-yard run — R. Derr, '97, P. C., 22⅘s.; T. H. Colfelt, '99, P. C., 2; F. P. Garvin, '97, Y. U., 3.

440-yard run. — J. H. Colfelt, '99, P. C., 51s.; F. P. Garvin, '97, Y. U., 2; S. K. Gerard, '97, Y. U., 3.

Half mile run. — B. B. Hinckley, '97, Y. U., 2m. 1s.; G. W. Bryant, Sem. P. C., 2; J. Hanlon, '96, P. C., 3.

1-mile run. — D. F. Buckingham, '98, Y. U., 4m. 35⅘s; W. T. Laing, '99, P. C., 2, by 2 yards; E. H Lewis, '99. Y. U, 3.

120-yard hurdle race. — E. C. Perkins, '98, Y. U., 16⅘s.; F. T. Van Beuren, '98, Y. U., 2; G. B. Hatch, '96, Y. U., 3.

220-yard hurdle race. — L. P. Sheldon, '96, Y. U., 26⅕s.; L. P. Sheldon, '96, Y. U., 26⅕s.; J. L. Fewsmith, '98, Y. U., 2, lost a shoe at half way; E. L. Jones, P. C., 3.

1-mile walk. — W. Darrach, '97, Y. U., 7m. 14s.; E. C. Thrall, '96, Y. U., 2, by 2 feet; J. L. Hitchcock, '97, Y. U., 3.

1-mile bicycle race. — J. S. McFarland, '98, Y. U., 2m. 34⅘s.: E. Hill, Jr., '97, Y. U., 2; H. H. Tweedy, '97, Y. U., 3.

Running high jump. — C. R. Merwin, '97, Y. U., 5ft. 10½in.; R. Weber, '97, P. C., 5ft. 9½in.; J. H. Thompson, '97, Y. U., and J. M. Gerard, '97, Y. U., tied for third place, and Thompson won by a toss.

Running broad jump. — L. P. Sheldon, '96, Y. U., 22ft. 6½in.; R. Mitchell, '96, Y. U., 21ft. 2½in.; R. Garrett, Jr., '97, P. C., 20ft. 11⅞in.

Pole vault. — C T. Vanwinkle, '97, Y. U., 10ft. 7⅝in.; W. E. Selin, '96, Y. U., 10ft. 4½in.; F. W. Allis, '96, Y. U., 10ft. 1½in.

Putting the 16-lb. shot. — R. Sheldon, '98, Y. U., 39ft. 5⅞in.; F. G. Beck, '96, Y. U., 38ft. 3⅞in.; D. M. Edwards, '98, P. C., 36ft. 5⅞in.

Throwing 16-lb. hammer. — H. P. Cross, '96, 130 ft. 5in.; C. Chadwick, '97, Y. U., 119ft. 7in.; W. L. Schmalhorst, Sem., P. C., 114ft. 11in.

INTERCOLLEGIATE RELAY RACES.

Held at Philadelphia in Spring of 1896.

Relay race, 1 mile. — Western Pennsylvania University, E. Meyer, W. R. Neally, F. W. Miller, A. A. Marshall, 3m. 49⅘s.: Gettysburg College, C. R. Erb, W. B. Claney, E. O. London, H. F. Grazier, 2, by 40 yards; St. John's College, H. Gale, N. S. Skirvin, L. C. Boehn, W. D. Smith, 3, by 14 yards: Ursinus College, B. Fogelman, A. Learch. G. Shalter, S. Cadwallader, 4.

Relay race, 1 mile. — College of the City of New York, A. J. Roberts, C. F. Jellinghouse, O Grassi, J. K. Rell, 3m. 47s.; Johns Hopkins University, E. Lacy, R. E. Belknap, A. L. Gantz, H. M. Wilson, 2, by 40 yards; Fordham College, F. E. Carey, G. J. Barry, J. V. Donley, J. F. Quinlan, 3, by 90 yards; Columbian University, W. S. Scott, G. W. Johnson, C. A. Clemens, C. A. Cabera, 4, by 30 yards.

Relay race, 1 mile. — Pennsylvania State College, J. U. McGibbon, C. M. Thompson, H. T. Price, E. Espanshade, 3m. 43⅘s.; Franklin and Marshall College, J. H. Bridenbaugh, H. S. Brugh, G. R. Reich, V. Bean, 2, by 7 yards; Dickinson College, D. W. Hollinger, W. E. Keeler, L. P. Wingate, J. B. Ralson, 3; Bucknell University, F. W. Dillon, A. Conover, B. Pierse, C. Brady, 4.

Relay race, 1 mile. — Swarthmore College, W. Mattison, T. R. Gleim, M. P. Sullivan, C. G. Hodge, 3m. 43⅜s.; New York University, J. B. Heath, F. Skene, A. E. Munson, A. M. Remington, 2, by 10 yards; Haverford College, A. D. Hartley, C. H. Howson, W. B. Rodney, W. B. Holloway, 3, by 7 yards; Rutgers College, C. M. Mason, E. G. Mury, H. Case, F. H. Dobson, 4.

Relay race, 1 mile. — Massachusetts Institute of Technology, O. H. Grey, A. L. Pugh, H. Cummings, Jr., E. B. Stebbins, 3m. 37⅝s.; Union College, J. Cregan, L. F. O'Neil, W. J. Somers, G. M. Sands, 2, by 2 yards; Worcester Polytechnic Institute, P. Goodrich, C. A. Harrington, C. F. Baughn, T. F. O'Connor, 3; Amherst University, R. L. Elliott, E. L. Morgan, E. C. McAllis, H. B. Kendall, 4.

Relay race, 1 mile. — Lafayette College, G. O. Barclay, A. P. Reese, G. B. Walbridge, J. L. Clarke, 3m. 34⅘s.; Cornell University, H. L. Daniels, F. Y. Parsons, H. C. Holloway, H. L. Taylor, 2, by 60 yards; Lehigh University, W. V. Kline, J. Gass, B. E. Loomis, J. Horner, 3, by 80 yards; Columbia College, J. Erick, O. Wagner, M. Weil, R. Bacon, 4.

Relay race, 1 mile, for the intercollegiate championship of America. — Harvard University, W. H. Vincent, H. H. Fish, J. L. Bremer, E. Hollister, 3m. 28⅜s.; Yale University, E. H. Noyes, T. R. Fisher, S. Gerard, T. Garven, 2, by 10 yards; Georgetown University, J. S. Walsh, Jr., J. L. Delaney, J. M. Gallagher, B. J. Wefers, 3, by 4 yards; University of Pennsylvania, C. C. Sickel, S. C. Boyer, C. C. Harrison, Jr., W. B. Warren, 4, by 40 yards.

Relay race, 5 miles. — University of Pennsylvania, G. O. Jarvis, J. J. Overn, E. A. Mechling, J. C. Shengle, G. W. Orton, 24m. 5⅘s.; Yale University, C. Buckingham, H. Turnbull, D. Sage, A. Lewis, B. B. Hinckley, 2, by 60 yards.

OPEN INTERCOLLEGIATE GAMES.

Boston College.

Open amateur games held April 7, 1896, Armory Hall, West Newton Street, Boston, Mass.

30-yard handicap run, college only. — Final heat, J. O'Hara, 4 feet, 4s.; J. S. Quinn, 3 feet, 2, by a foot.

30-yard handicap run. — Final heat, W. H. Fox, Holy Cross College, 4 feet, 3⅘s.; W. D. Fuller, Suffolk Athletic Club, 4 feet six inches, 2, by 6 inches; G. L. Collins, Harvard University, 6 feet, 3.

Exhibition 30-yard run. — B. J. Wefers, Georgetown College, 3⅘s.

440-yard handicap run. — Final heat, M. W. Quinlan, Brookline High School, 20 yards, 54⅘s.; H. J. Kane, English H. S., 25 yards, 2, by 2 yards; R. P. Williams, East Boston Athletic Association, 12 yards, 3.

1-mile handicap run. — A. McDonald, Cambridgeport Gymnasium, 70 yards, 4m. 28⅘ s.; T. McQueeney, St. Paul Lyceum, 100 yards, 2.

Potato race, college only. — J. J. McDermott, 33⅘s.; E. J. Grainger, 2.

Team race, 16-19 of a mile. — Co. L., 1st Infantry, F. M. Whalen, W. F. Burrill, E. M. Willis, and A. Colburn, 3m. 21⅘s.; Co. G., 1st Infantry, H. A. Every, T. Barry, J. F. Magee, A. F. Fiske, 2.

Team race, 15-19 of a mile. — Cambridgeport Gymnasium, D. F. Brown, H. D. Jope, C. J. Sweeney, A. McDonald, P. J. Brown, 3m. 5⅘s.; Suffolk Athletic Club, W. Carlton, W. Robinson, W. D. Fuller, J. A. Stewart, W. J. Howland, 2.

Team race, 16-19 of a mile. — Boston College, Class of 1898, A. J. White, E. J. Grainger, M. F. Flynn, J. A. O'Hara, 3m. 18s.; Boston College, Class of 1899, M. J. Driscoll, E. J. O'Neil, J. J. McAllister, E. P. Does, 2.

Team race, 12-19 of a mile. — Holy Cross College, T. W. McKenna, W. H. Fox, T. P. Conneff, J. Callanan, 3m. 17⅘s.; Boston College, E. Does, J. Quinn, M. Flynn, C. L. Reade, 2.

Running high jump, handicap. — W. D. Rising, Newton A. A., 5 inches, 5ft. 6in.; J. J. Flannery, S. A. C., 6½ inches, 5ft. 4in.; H. D. Jope, C. G., 5½ inches, 5ft. 4in.

HARVARD.

Third biennial invitation games held May 9, 1896, at Cambridge, Mass.

150 yard handicap run. — W. B. Boyce, Brookline High School, 9 yards 14⅘s.; W. J. Denholm, Jr., Harvard University, 3½ yards, 2; M. G. Gonterman, H. U., 2½ yards, 3.

440-yard handicap run. — Final heat, M. L. Butler, H. U., 30 yards, 48s.; G. G. Whitcomb, Phillips Exeter Academy, 20 yards, 2; E. F. Phillips, H. U., 30 yards, 3.

880-yard handicap run. — E. N. Fenno, H. U., 35 yards, 1m. 57s.; F. H. Lathrop, Massachusetts Institute of Technology, 50 yards, 2; A. B. Ruhl, H. U., 50 yards, 3.

880-yard special invitation race. — E. Hollister, H. U., 1m. 56⅘s.; G. G. Hollander, New Manhattan A. C., New York City, 2, by 15 yards.

One-mile handicap run. — H. W. Foote, H. U., 120 yards, 4m. 18s.; D. Grant, H. U., 5 yards, 2; P. A. Hutchinson, H. U., 120 yards, 3.

Relay race, 1 mile. — Boston English High School, H. C. Kane, G. W. Emery, J. J. Purtell, R. F. Hanson, 3m. 38s.; Cambridge Manual Training School, G. A. Sawin, E. E. Savory, J. F. Downey, C. M. Thompson; Worcester (Mass.) High School, J. W. Badges, W. R. Dadmun, C. J. A. Boyle, F. Albertson, 3.

Relay race, 1 mile. — Yale University, Fisher, Gerard, Boardman, Garvan, 3m. 29⅘s.; Massachusetts Institute of Technology, A. H. Pugh, O. H. Gray, H. Cummings, Jr., C. B. Stebbins, 2; Brown University, M. J. Gunn, E. H. Stockwell, H. H. Hull, H. F. Hull, 3.

120-yard hurdle handicap. — Final heat, J. H. Horne, Bowdoin C., owes 4 yards, 16⅘s.; E. C. Perkins, Yale U., owes [illegible] yards, 2; S. Chase, Dartmouth C., owes [illegible] 9 yards, 3.

146⅔ yards hurdle handicap, with hurdles 2ft. 6in. high. — Final heat, [illegible] Mason, H. U., 6 yards, 16⅘s.; J. [illegible] Bremer, H. U., scratch, 2; J. H. Horne, Bowdoin C., 7 yards, 3.

1-mile handicap walk. — F. E. Mallett, Boston Latin School, 45 seconds, 7m. 18⅘s.; E. C. Moone, Newton A. A., 20 seconds, 2; J. J. Donohue, St. Paul's Lyceum, 35 seconds, 3.

1-mile bicycle handicap. — Final heat, G. F. Baker, Jr., H. U., 55 yards, 2m. 37s.; C. M. Donohue, Tufts C., 20 yards, 2; J. A. Farrell, Louisville, scratch, 3.

Running high jump, handicap. — C. M. Perry, Phillips Andover Academy, 6 inches, 5ft. 6in.; W. E. Putnam, H. U., ½ inch, 5ft. 10⅝in.; R. H. Loines, H. U., 5 inches, 5ft. 6in.

Running broad jump, handicap. — F. Mason, H. U., 8 inches, 21ft. 9⅛in.; C. S. Bryant, H. U., 1 foot 6 inches, 20ft. 10¼in.; P. E. Somers, H. U., 1 foot 6 inches, 20ft. 10¼in.

Pole vault, handicap. — F. Curtis, H. U., 1 foot 6 inches, 9ft. 11⅝in.; E. D. Brooks, H. U., 1 foot 3 inches, 10ft. 1⅛in.; A. B. Emmons, H. U., 10 inches, 10ft. 3⅜in.

Putting 16-lb. shot, handicap. — A. Garland, Gloucester A. C., 3 feet, 38ft. 2⅛in.; R. C. Heath, Hopkinson School, 6 feet, 35ft. 2in.; F. E. Smith, Brown U., 1 foot, 38ft. 6in.

Throwing 16-lb. hammer, handicap. — F. G. Shaw, H. U., 24 feet, 114ft. 8in.; F. E. Smith, B. U., 5 feet, 123ft. 7⅛in.; W. D. Hennin, H. U., 15 feet, 107ft. 7⅛in.

PRINCETON.

Seventh annual open amateur games held May 9, 1896, at Princeton.

100 yard handicap run. — Final heat, R. Derr, Princeton College, scratch, 10⅛s.; H. Jamison, P.C. 1½ yards, 2; M. P. Halpin, New York Athletic Club, New York City, 3 yards, 3.

220-yard handicap run. — J. H. Colfelt, P.C., scratch, 22⅛s.; R. Derr, P.C., scratch, 2; A. L. Fordyce, P.C. 8 yards, 3.

Quarter-mile handicap run. — W. Halloway, Haverford C., 22 yards, 49⅘s.; O. Wagner, Columbia C., 20 yards, 2; J. H. Colfelt, P. C., scratch, 3. Colfelt was timed independently in 50⅘s.

Half-mile handicap run. — G. Bryant, Princeton Seminary, 10 yards, 2m. 1⅘s.; H. Brokaw, P.C., 10 yards, 2; A. Jamison, P.C. 18 yards, 3.

1-mile handicap run. — W. Laing, P.C., scratch, 4m. 33⅘s.; R. Sterling, P.C., 80 yards, 2; A. Hartly, H.C., 80 yards, 3.

120-yard hurdle handicap. — Final heat, B. Rogers, New Jersey A.C., owes [illegible] yards, 17⅘s.; F. Van Buren, Yale U., owes 8 yards, 2; M. P. Halpin, New York A.C., scratch, 3.

220-yard hurdle handicap. — J. Fensmith, Y.U., scratch, 25⅘s.; S. Jones, P.C., 4 yards, 2; F. Van Buren, Y.U., 3 yards, 3.

1-mile handicap walk. — P. Parish, Swarthmore, 5 seconds, 7m. 30s.; C. Myers, Pingry School, 15 seconds, 2;

J. Adams, Newark Academy, 20 seconds, 3.

1-mile bicycle handicap. — H. Hubbard, S.C., 90 yards, 2m. 24⅘s.; J. Barker, P.C., 70 yards, 2; B. Underhill, C.C., 60 yards, 3.

Running high jump, handicap. — W. Berger, Y.U., 3½ inches, 5ft. 6in.; C. Dudley, Lawrenceville, 5 inches, 5ft. 4in.; D. Gerard, Y.U., scratch, 5ft. 9in., and B. Conklin, H.C., 1 inch, 5ft. 8in., were equal for third place.

Running broad jump, handicap. — F. Milts, P.C., 3 feet, 19ft. 9in.; W. B. Rogers, N.J.A.C., scratch, 22ft. 1½ in.; R. Derr, P.C., 2 feet 6 inches, 19ft. 4in.

Pole vault, handicap. — S. Strayer, P.C., 1 foot, 10ft.; C. Dudley, Lawrenceville, 6 inches, 10ft. 3in.; W. Trainer, P.C., 6 inches, 10 ft.

Putting 16-pound shot, handicap. — W. F. Edwards, P.C., 2 feet 6 inches, 37ft. 7in. R. Sheldon, Y.U., scratch, 39ft. 6in.; R. Garrett, P.U., 6 inches, 33ft. 3in.

Throwing 16-pound hammer, handicap. — W. Schmalhorst, P.U., 25 feet, 113ft. 6in.; J. M. Rhodes, P.C., 25 feet, 110ft.; H. Chadwick, Y.U., scratch, 121ft. 9in.

YALE.

The Athletic Association invitation amateur games, May 2, 1896, at New Haven.

120-yard handicap run. — Final heat, T. R. Fisher, Yale University, 3 yards, 12s.; F. P. Garvin, Y. U., 2½ yards, 2; R. W. Burnett, Y. U., scratch, 3.

880-yard handicap run. — A. H. Atha, Y. U., 40 yards, 1 m. 56⅘s.; F. B. Hinckley, Y. U., 50 yards, 2; D. Sage, Y. U., 40 yards, 3.

1-mile handicap run. — D. F. Buckingham, Y. U., 120 yards, 4m. 18⅘s.; H. R. Foote, Harvard U., 50 yards, 2; H. B. Spitzer, Y. U., 150 yards, 3; T. P. Conneff, Holy Cross College, scratch, quit at half way.

Class relay race, 1-mile. — Juniors, Sage, Boardman, Garvin, Girard, 3m. 34⅘s.; Freshmen, 2; Sophomores, 3.

120-yard hurdle handicap. — E. C. Perkins, Y. U., owes 4 yards, 16⅘s.; S. Chase, Dartmouth College, owes 8 yards, 2; V. Munroe, H. U., owes 3 yards, 3.

220-yard hurdle handicap. — S. Chase, D. C., scratch, 25s.; L. P. Sheldon, Y. U., 12 yards, 2; J. L. Bremer, H. U., scratch, 3.

1 mile handicap walk. — J. T. Hitchcock, Y. U., 45 seconds, 7m. 17s.; W. Darrach, Y. U., 30 seconds, 2; F. C. Thrall, Y. U., 15 seconds, 3; L. Liebgold, New Jersey A. C., scratch, did not finish.

1-mile bicycle handicap. — E. Hill, Jr., Y. U., 20 yards, 2m. 29s.; J. S. Butler, Y. U., 40 yards, 2; W. P. French, Y. U., 75 yards, 3.

Running high jump, handicap. — F. R. Sturtevant, Hartford High School, 2 inches, 5ft. 9½in.; R. C. Merwin, Y. U., 1 inch, 2; J. M. Gerard, Y. U., scratch, 3.

Running broad jump, handicap. — R. Mitchell, Jr., Y. U., 1 foot, 21ft.; S. Chase, D. C., 3 inches, 21ft. 4in. J. G. Clark, H. U., 3 inches, 21ft. 2½in.

Pole vault, handicap. — C. T. Van Winkle, Y. U., scratch, 10ft. 10⅞in.; F. R. Sturtevant, H. H. S., 6 inches, 9ft. 10⅞in.; H. S. Weselin, Y. U., 6 inches, 9ft. 7⅞in.

Putting 16-lb. shot, handicap. — F. G. Beck, Y. U., 1 foot, 39ft. 5in.; R. Sheldon, Y. U., scratch, 40ft. 3in.; F. C. Ingalls, H. H. S., 3 feet 6 inches, 33ft. 5½in.

Throwing 16-lb. hammer, handicap. — F. G. Beck, Y. U., 15ft., 116ft. 11in.; R. A. Hickok, Y. U., 12 feet, 110ft. 11in.; F. C. Ingalls, H. H. S., 10 feet, 112ft. 7in.

FALL GAMES.

BROWN UNIVERSITY.

The annual fall games were held Oct. 21, 1896, on Lincoln Field.

100-yard run. — D. F. O'Brien, '98, 10⅘c.; H. W. Ostby, '99, 2.

220-yard run. — D. F. O'Brien, '98, 23⅘s.; H. C. Hull, '98, 2.

440-yard run. — E. F. Hull, '98, 54s.; W. J. Gunn, '98, 2.

880-yard run. — A. L. Wright, 1900, 2m. 1s.

1-mile run. — A. L. Wright, 1900, 5m. 1⅘s.; O. W. Bean, '98, 2.

Relay race, class teams. — 1898, 2m. 34⅘s.; 1900, 2; 1899, 3; 1897, 4.

Running high jump. — S. S. Lapham, '98, 5ft. 11in.; C. H. Guild, 1900, and H. W. Pratt, 1900, tied for second place, at 5ft., and Pratt won the jump-off at 4ft. 10in.

Running broad jump. — D. F. O'Brien, '98, 19ft. 3⅘in.; H. W. Pratt, 1900, 17ft. 6½in.

CORNELL UNIVERSITY.

The annual fall games were held Oct. 31, 1896, on Percy Field. The track was slow from recent rains.

100-yard run. — A. Thomson, Jr., 10⅝s.; H. L. Daniels, 2; L. L. Brinsmade, 3.

220-yard run. — H. L. Daniels, 24¼s.; C. C. Whitney, 2.

Quarter-mile run. — H. L. Taylor, 52⅝s.; H. E. Clark, 2.

Half-mile run. — E. F. Davison, 2m. 8⅜ s.; H. H. Bassett, 2.

1-mile run. — J. E. Gignoux, 4m. 51⅜s.; L. L. Emerson, 2.

120-yard hurdle race. — H. D. Meskimer, 18s.; P. M. Walter, 2.

220-yard hurdle race. — P. M. Walter, 29⅝s.; H. E. Clark, 2.

1-mile walk. — E. C. Zellar, 7m. 38⅜s. R. L. Hastings, 2.

1-mile bicycle race. — R. F. Ludwig, 2m. 34⅛s.; A. C. Mott, 2; J. L. Boskowitz, 3.

Running high jump. — C. U. Powell, 6ft.; M. M. Drake, 2.

Running broad jump. — W. J. Burnett, 19ft. 5in.; E. S. Cooley, 2.

Pole vault. — H. H. A. Hall, 9ft. 7⅜in.; J. G. Rosenberg, 2.

Throwing discus. — E. C. White, 95ft. 6in.; H. Diedrichs, 2.

Putting shot. — E. C. White, 34ft. 11in.; G. W. Peck, 2.

Throwing 16-lb. hammer. — H. Diedrichs, 90ft. 11in.; E. C. White, 2.

Their annual class games — Sophomores against Freshmen — were contested Nov. 6, 1896, on Percy Field, the Sophomores winning by a score of 77 to 47.

100-yard run. — Derr, '99, 10⅝s.; Whinnery, '99, 2; Miller, '99, 3.

220-yard run. — Derr, '99, 23⅜s.; Rosenburg, 1900, 2; Coit, 1900, 3.

440-yard run. — Clark, '99, 57⅜s.; Merrill, '99, 2; Paterson, 1900, 3.

Half-mile run. — Bassett, 1900, 2m. 15s.; Yeatman, '99, 2; Merrill, '99, 3.

1-mile run. — Ferris, 1900, 5m. 3s.; Richardson, '99, 2; Davis, 1900, 3.

120-yard hurdle race. — Clark, '99, 19⅛s.; Lee, '99, 2; Deming, 1900, disqualified.

220-yard hurdle race. — Lee, '99, 31s.; Mildon, '99, 2; Deming, 1900, 3.

1-mile walk. — Zellar, '99, 9m. 17⅜s.; Hastings, 1900, 2; Cleghorn, 1900, 3.

1-mile bicycle race. — Ludwig, 1900, 2m. 56s.; Butler, 1900, 2; Hazleton, disqualified.

Running high jump. — Russell, '99, 5ft. 4in.; Drake, '99, 2; Cooley, '99, 3.

Running broad jump. — Cooley, '99, 19ft. 3⅛in.; Paterson, 1900, 2; Derr, '99, 3.

Pole vault. — Hall, '99, 18ft. 3in.; Shire, 1900, and Rosenburg, 1900, tied for second place.

Putting shot. — Dalzell, '99, 31ft. 3in.; Young, 1900, 2; Stevens, '99, 3.

Throwing hammer. — Swanitz, 1900, 80ft, 1in.; Young, 1900, 2; Dalzell, '99, 3.

DARTMOUTH COLLEGE.

The annual fall games twice postponed on account of storm, were finally held Oct. 8, 1896. The weather was cold and windy. The score of the classes by points was as follows: Sophomores, 68; Freshmen, 57; Juniors, 27; Seniors, 19.

100-yard run. — Final heat, McDavitt, 1900, 10⅝s.; Sears, '99, 2; Collar, '99, 3.

220-yard run. — Final heat, Sears, '99, 23⅝s.; Musgrove, '99, 2; McDavitt, 1900, 3.

440-yard run. — Boyd, 1900, 52s.; Collar, '99, 2; Boston, '99, 3.

880-yard run. — Bolser, '97, 2m. 7⅝s.; Newton, 1900, 2; Temple, '97, 3.

1-mile run. — Wood, '99, 6m. 6⅛s.; Newton, 1900, 2; Gilbert, '98, 3.

2-mile run. — Moody, 1900, 10m. 57⅝s.; Snow, 1900, 2; Eastman, '99, 3.

Running the bases. — Sears, '99, 15s.; Bennis, '98, and Musgrave, '99, a tie.

1-mile relay race. — Class of 1897, 3m. 47s.; Class of 1899, 2; Class of 1900, 3.

120-yard hurdle race. — Chase, '99, 18 3/16s.; Hutchinson, 1900, 2; Sprague, 1900, 3.

220-yard hurdle race. — Final heat, Woodward, '99, 28s.; Taylor, '97, 2; Sprague, 1900, 3.

1-mile walk. — Zeelman, '98, 8m. 6s.; Snow, 1900, 2; Tootell, '99, 3.

1-mile bicycle race. — Stevens, 1900, 2m. 48s.; Parker, '99, 2; Moulton, 1900, 3.

Running high jump. — Bennis, '98, 5ft. ¾in.; Butterfield, 1900, 2; Child, '99, 3.

Running broad jump. — Taylor, '97, 20ft. 11in.; Clark, '98, 2; Sears, '99, 3.

Pole vault. — Wilder, '99, 9ft. 4⅜in.; Tabor, '98, 2; Brown, 1900, 3.

Throwing base-ball. — Brown, 1900, 348ft. 3in.; Clark, '98, 2; Sprague, 1900, 3.

Putting 16-lb. shot. — Clark, '98, 36ft. 1⅜in.; Wilder, '99, 2; Benezet, '99, 3.

Throwing 16-lb. hammer. — Oakes, '99, 105ft. 1in.; Hutchinson, 1900, 2; Benezet, '99, 3.

HARVARD UNIVERSITY.

The annual fall games were held Nov. 2, 1896, on Holmes Field, Cambridge, Mass. The track was heavy from recent storms.

100-yard handicap run. — D. J. Harris, 1900, 6 yards, 10⅝s.; R. H. Morrison, '99, 4 yards, 2; W. J. Denholm, scratch, 3.

220-yard handicap run. — W. J. Denholm, scratch, 22⅝s.; G. H. Mifflin, Jr., 1900, 18 yards, 2; R. H. Morrison, '99, 8 yards, 3.

440-yard handicap run. — H. E. Shore, '99, 15 yards, 52s.; E. D. Gould, 1900, 10 yards, 2; E. D. Harlowe, '99, 20 yards, 3.

Half-mile handicap run. — L. C. Ledyard, 1900, 60 yards, 1m. 59⅝s.; E. D. Fullerton, '98, 50 yards, 2, by a yard; N. P. Breed, 1900, 60 yards, 3.

1-mile handicap run. —C. L. Bouve, '99, 140 yards, 4m. 29⅝s.; R. A. Garrison, 1900, 150 yards, 2; F. Downey, 1900, 150 yards, 3.

120-yard hurdle handicap. — G. G. Hubbard, 1900, owes 13 yards, 17⅛s.; E. H. Clark, L. S., owes 7 yards, 2, by a yard; F. B. Fox, owes 2 yards, 3.

220-yard hurdle handicap. —G. G. Hubbard, 1900, 2 yards, 27⅛s.; J. B. Rorer, '99, 2 yards, 2; A. G. Mason, 1900, 7 yards, 3.

Running high jump, handicap. — W. Phillips, 1900, 8 inches, 5ft. 5⅛in; D. J. Flarity, 1900, 4 inches, 5ft. 5⅛in.; F. Holt, '99, 2 inches, 5ft. 6⅛in.

Running broad jump, handicap.— D. G. Harris, 1900, 2 feet, 20ft. ⅛in.; A. B. Emmons, '98, 2 feet, 19ft. 5⅛in.; E. H. Clark, L. S., 6 inches, 20ft. 10⅜in.

Putting the shot, handicap. — W. D. Hennen, '98, 3 feet, 35ft. 6in.; E. H. Clark, L. S., scratch, 38ft. ⅛in.; R. C. Heath, 1900, 3 feet, 36ft. 5in.

Throwing 16-lb. hammer. — G. L. Paterson, L. S., 116ft. 5in.; E. H. Clark, L. S., 111ft. 6⅜in.; W. D. Hennen, '98, scratch, 108ft. 8⅛in.

HARVARD FRESHMEN GAMES.

The annual freshmen games were held Oct. 30, 1896, on Holmes Field, Cambridge, Mass. The track was slow.

100-yard run. — E. D. Gould, 10⅝s.; J. D. G. Oglesby, 2.

220-yard run. — J. D. G. Oglesby, 24⅝s.; J. D. Kent, 2.

440-yard run. — E. D. Gould, 55⅛s.; I. Martin, 2.

Half-mile run. — C. D. Draper, 2m. 9⅛s.; C. J. Harbeck, 2.

1 mile run. —R. A. Garrison, 4m. 58⅛s.; J. F. Downey, 2.

120-yard hurdle race. — G. G. Hubbard, 17⅝s.; F. W. Pierce, 2.

220-yard hurdle race.— G. G. Hubbard, 27⅝s.; D. G. Harris, 2.

Running high jump. — D. J. Flaherty, 5ft. 5⅝in.; A. A. Mason and C. Ratcliffe, tied at 5ft. 4¾in.; and Ratcliffe won by a toss.

Running broad jump. — D. G. Hubbard, 20ft. 5in.; D. G. Harris, 19ft. 4⅛in.

Putting 16-lb. shot. — F. A. Edmands, 35ft. 4in.; R. C. Heath, 35ft.

HOLY CROSS COLLEGE.

The annual fall games were held Oct. 10, 1896, on the Worcester, Mass., Oval. The weather was fine and the grounds in good condition. The score of the classes by points was as follows: Freshman, 46; Juniors, 37; Special, 24; Sophomores, 23; Seniors, 12.

50-yard run, boys. — C. Mattingly, 7s.; H. Thompson, 2; H. Regan, 3.

50-yard run. — W. H. Fox, 5⅝s.; L. Sockalexis, 2; J. F. Callanan, 3.

100-yard run. — W. H. Fox, 10⅝s.; L. F. Sockalexis, 2; F. Callanan, 3.

440-yard run. — J. Erskine, 50⅛s.; W. J. McKenna, 2, by 4 yards; J. J. McDonald, 3.

Half-mile run. — T. A. Tufts, '97, 2m. 8⅝s.; J. J. O'Brien (special), 2; J. A. Delaney, '99, 3.

1-mile run. —J. J. Walsh, 5m. 40⅝s.; W. F. Kennedy, 2; M. F. Mitchell, 3.

Potato race. — E. J. Plunkett, 28s.; W. F. Barry, 2; E. J. Murphy, 3.

Relay race. — Sophomores, Conway, Hoban, McKenna, and Delaney, 1m. 40s.; Juniors, Reynolds, Plunkett, McKenna, and Callanan, 2; Seniors, Tufts, Carey, Dooley, and O'Brien, 0; Freshmen, McTigue, McCue, Murphy, and Linnehan, 0.

120-yard hurdle race.— W. H. Fox and W. F. Barry, dead heat in 18⅝s.; J. F. Callanan, 3.

220-yard hurdle race. — W. H. Fox, 28⅝s.; W. F. Barry, 2; J. F. Shields, 3.

Quarter-mile bicycle race.— O. Moquin, 38⅝s.; E. Shannahan, 2; P. McCarthy, 3.

1-mile bicycle race.— P. McCarthy, 2m. 35s.; L. Butler, 2; F. Rober, 3.

Running high jump.— G. H. Linnehan, 5ft. 3in.; J. Reynolds, 2; T. A. Handley, 3.

Running broad jump. — W. H. Fox, 20ft. 6in.; J. F. Callanan, 19ft. 1in.; L. F. Sockalexis,, 18ft. 3in.

Running hop, step and jump. — W. H. Fox, 40ft. 1in.; J. J. Reynolds, 36ft. 7in.; J. F. Callanan, 36ft. 6½in.

Throwing base-ball. — F. Sockalexis, 379 1/16ft.; M. R. Powers, 352ft.; W. H. Fox, 336ft.

Putting 16-lb. shot. — J. Dooley, 32ft. 6in.; M. R. Powers, 2; J. Reilly, 3.

Massachusetts Institute of Technology.

The annual fall games were held Oct. 24, 1896, on the Irvington (Mass.) Oval. The weather was pleasant, but the track soft from recent rain.

100-yard run. — Final heat, O. H. Gray, '97, 10⅘s.; G. P. Burch, '99, 2; A. H. Pugh, '97, 3.

220-yard handicap run. — Hall, 1900, 15 yards, 24s.; O. H. Gray, '97, scratch, 2; A. H. Pugh, '97, scratch, 3.

440-yard handicap run. — W. D. Hubbard, '98, 12 yards, 55⅘s.; A. W. Grosvenor, '98, scratch, 2, by a yard; Morse, '99, 3.

Half-mile handicap run. — Morse, '99, scratch, 2m. 6s.; E. C. Stebbins, '97, scratch, 2, by 6 inches.

1-mile run. — H. L. Bodwell, '98, 5m. 6⅘s.; C. F. F. Campbell, '99, 2, by a foot; S. A. Hooker, '97, 3.

2-mile handicap run. — Suter, 1900, 200 yards, 11m. 3s.; Osgood, '97, scratch, 2, by 220 yards; R. R. Rumery, '98, 3.

Team race. — Class of 1899, Morse, Burch, Dryer, and West, 1; Class of 1897, Gray, Field, Pugh, and Stebbins, 2, by 10 yards; Class of 1898, Grosvenor, Mayer, Nolte, and House, 3; Class of 1900, Hall, Emery, Wentworth, and Priest, 4.

120-yard hurdle race. — Final heat, R. R. Rumery, '98, 18⅘s.; Wentworth, 1900, 2.

1-mile walk. — D. Mayer, '98, 8m. 25⅕s.; R. Allyn, '98, 2; J. H. House, '98, 3.

Running high jump, handicap. — W. L. Butcher, '98, 2 inches, 5ft. 4in.; R. A. Ferguson, '99, scratch, 5ft. 4in.

Running broad jump, handicap. — A. W. Grosvenor, '98, scratch, 22ft. 1⅛in.; J. H. House, '98, 2 feet, 19ft. 3⅛in.; W. L. Butcher, '98, 8 inches, 19ft. 10in.

Throwing the discus. — H. W. Jones, '98, 93ft. 8in.; F. C. Field, '97, 75ft. 2in.; R. A. Ferguson, '99, 74ft. 2in.

Putting shot, handicap. — H. W. Jones, '98, scratch, 36ft.; F. L. H. Kimball, '99, 2 feet, 31ft. 8⅛in.; D. Mayer, '98, 4 feet, 29ft. 8⅛in.

Princeton University.

Their eleventh annual fall games were held Oct. 19, 1896, on the university grounds. The weather was fair and track in tolerable condition.

100-yard handicap run. — L. Jones, '99, 3½ yards, 10⅕s.; H. B. Jamison, '97, 2½ yards, 2; F. A. Lane, '97, scratch, 3.

220-yard handicap run. — H. C. Robb, '97, 7 yards, 23⅘s.; C. H. Kilpatrick, '99, 3 yards, 2; H. B. Jamison, '97, 3 yards, 3.

440-yard run. — Freshmen. — F. W. Jarvis, 56⅕s.; T. W. Cloney, Jr., 2; E. W. Bedford, 3.

Half-mile handicap run. — C. H. Kilpatrick, '99, scratch, 1m. 57⅕s; J. F. Cregan, '99, 20 yards, 2; L. R. Palmer, '98, 25 yards, 3.

1-mile handicap run. — J. F. Cregan, '99, scratch, 4m. 38s.; L. R. Palmer, '98, 52 yards, 2, by 150 yards; J. Goldsbury, '99, 60 yards, 3.

120-yard hurdle handicap. — W. T. Carter, '98, penalized 4 yards, 18⅘s.; E. W. Axson, '97, scratch, 2; J. L. Harkness, '97, scratch, 3.

220-yard hurdle handicap. — L. Jones, '99, scratch, 27s.; W. C. Yeatts, '97, 10 yards, 2; J. L. Harkness, '97, 10 yards, 3.

Quarter-mile bicycle race. — A. W. Jamison, '97, 35⅕s.; J. Bowdin, '99, 2; T. Haight, 1900, 3.

1-mile bicycle handicap. — A. W. Jamison, '97, 45 yards, 2m. 38s.; T. Haight, '98, 45 yards, 2; G. MacFarland, '98, scratch, 3.

Running high jump, handicap. — W. C. Carroll, 1900, 3 inches, 5ft. 7in.; R. Weber, '97, scratch, 5ft. 8in.; S. C. Craig, Sem., 6 inches, 5ft. ⅝in.

Running broad jump, handicap. — S. G. Craig, Sem., 1 foot 6 inches, 18ft. 10⅛in.; W. C. Bottger, '99, scratch, 20ft. 1⅛in.; A. M. Wilson, '97, 1 foot, 19ft.

Pole vault, handicap. — L. M. Strayer, '99, 10 inches, 9ft. 6in.; W. B. Trainer, '97, 5 inches, 9ft. 6in.; H. M. Goldschmid, 1900, 1 foot, 2 inches, 8ft. 6in.

Putting 16-lb. shot, handicap. — S. C. Craig, Sem., 4 feet, 34ft. 4⅛in.; A. C. Ayres, '99, 4 feet, 32ft. 8⅛in.; W. J. King, Sem., 4 feet, 31ft. 11in.

Throwing 16-lb. hammer, handicap. — S. G. Craig, Sem., 15 feet, 91ft. 9in.; A. C. Ayres, '99, 10 feet, 84ft. 7in.; H. C. Potter, '98, scratch, 88ft. 9in.

UNION COLLEGE.

The annual fall games were held Oct. 23, 1896, at Schenectady, N. Y. Weather fine; wind strong.

100-yard run. — Price, '98, 10⅘s.

220-yard run. — O'Neill, '97, 24s.

440-yard run. — Hinman, '99, 55s.

Half-mile run. — Bradford, '99, 2m. 20⅘s.

1-mile run. — Wright, '99, 5m. 21⅘s.

Half-mile relay race. — Class of 1899, 1m. 42⅘s.

120-yard hurdle race. — Vrooman, '98, 18⅘s.

220-yard hurdle race. — Vrooman, '98, 5m. 35s.

1-mile walk. — Cotton, '97, 8m. 37s.

1-mile bicycle race. — Walbridge, 1900, 2m. 36s.

2-mile bicycle race. — Walbridge, 1900, 5m. 35s.

Running high jump. — Yates, 98, 5ft.

Pole vault. — Miller, 1900, 9ft. 10in.

Putting shot. — Vrooman, '98, 31ft. 8in.

Throwing hammer. — McMillan, '98, 90ft. 5in.

UNIVERSITY OF ILLINOIS.

The fourth annual games were held Oct. 22, 1896, on Illinois Field, Champaign, Ill. The weather was too chilly for fast time. The score of the classes, by points, was as follows: Sophomores, 57; Seniors, 26; Juniors, 24; Freshman, 21; Preparatory, 5.

50-yard handicap run. — Dougherty, '99, 2 yards, 5⅘s.; Clark, '99, 1 yard, 2; Kennedy, 1900, 1 yard, 3.

100-yard handicap run. — Fisher, '99, 5 yards, 10⅘s.; Dougherty, '99, 3 yards, 2; Kennedy, 1900, 3 yards, 3.

220-yard handicap run. — Vail, 1901, 10 yards, 24⅘s.; Mundy, 1900, 15 yards, 2; Clark, '99, scratch, 3.

440-yard handicap run. — Young, '97, 35 yards, 53⅘s.; Mills, '99, 5 yards, 2; Enochs, '98, 15 yards, 3.

880-yard handicap run. — Milne, scratch, 2m. 11⅘s.; Grimes, '97, 30 yards, 2; Hughes, '98, 25 yards, 3.

1-mile handicap run. — Craig, '98, 100 yards, 5m. 7⅘s.; Grimes, '97, 50 yards, 2; Milne, scratch, 3.

Relay race. — Class of '99, 1.

120-yard hurdle handicap. — Dougherty, '99, scratch, 20⅘s.; Coffeen, '98, scratch, 2.

220-yard hurdle handicap. — Young, '97, 5 yards, 30s.; Dougherty, '98, 1 yard, 2; Gerber, '98, scratch, 3.

1-mile handicap walk. — Hoagland, '99, scratch, 8m. 28s.; Craig, '98, 60 yards, 2; Paul, '99, 100 yards, 3.

Running high jump, handicap. — Byrne, '99, scratch, 5ft. 4in.; Seeley, '99, 3 inches, 2; Miller, '97, 4 inches, 3.

Running broad jump, handicap. — Seeley, '99, 8 inches, 18ft.; Garrett, 1900, 3 inches, 2; Pease, '98, 9 inches, 3.

Running hop, step and jump, handicap. — Seeley, '99, 10 inches, 40ft. 7in.; Pease, '98, 1 foot 6 inches, 2; Paul, '98, 2 feet, 3.

Pole vault. — Kratz, 1900, 2 feet, 8ft. 6in.; Main, '97, 8 inches, 2; Coffeen, '98, scratch, 3.

Putting the shot, handicap. — Wiley, 1900, 3 feet, 35ft.; Prickett, 1900, 2 feet, 2; Carpenter, '97, 3 feet, 3.

Throwing hammer, handicap. — Beebe, '97, 15 feet, 105ft.; Von Oven, '98, scratch, 2; Enochs, '98, 5 feet, 3.

UNIVERSITY OF PENNSYLVANIA.

The annual fall games were held Oct. 30, 1896, on Franklin Field, Philadelphia, Pa.

120-yard handicap run. — Final heat, C. E. Blackburn, '97, L., 3 yards, 12s.; M. V. Bastian, '97, D., 4 yards, 2; R. D. Hoffman, '99, D., scratch, 3.

300-yard handicap run. — R. D. Hoffman, '99, D., scratch, 32⅘s.; C. E. Blackburn, '97, C., 12 yards, 2; W. Y. Stevenson, 1900, C., 10 yards, 3.

1,000 yard handicap run. — A. Grant, 1900, C., scratch, 2m. 17s.; J. C. Shengle, 1900, C., 30 yards, 2; W. C. Quicksail, '97, M., 30 yards, 3.

1-mile handicap run. — A. Grant, 1900, C., scratch, 4m. 38s.; C. C. Sichel, '98, M., 50 yards, 2; W. M. Thackara, 1900, M., 100 yards, 3.

220-yard hurdle handicap. — R. M. Anderson, 1900, L., 10 yards, 28⅘s.; W. D. Schrack, '99, M., scratch, 2; J. H. Stitzer, '98, C., 5 yards, 3.

1-mile handicap walk. — W. B. Fellerman, '98, M., scratch, 7m. 12s.; P. S. McMichael, '99, C., 1 minute 20 seconds, 2; W. T. Thornton, Jr., '99, C., 1 minute, 3.

2-mile bicycle handicap. — Final heat, A. W. Stackhouse, 5m. 31s.; H. E. Abrahams, 1900, C., 80 yards, 2; W. Walker, 1900, C., 100 yards, 3.

Running high jump, handicap. — J. D. Winsor, Jr., '97, C., scratch, 5ft. 8¼in.; W. P. Remington, 1900, C., 4 inches, 5ft. 4¾in.; J. Mack, '97, C., 2 inches, 5ft. 4¼in.

Running broad jump, handicap. — J. P. Remington, '97, C., scratch, 20ft. 11in.; J. D. Winsor, '97, C., 6 inches, 20ft. 1¾in.; A. P. Hume, 1900, 6 inches, 19ft. 11¼in.

University of Wisconsin.

The annual fall games were held Oct. 16, 1896. The track was heavy and the weather raw and damp. For the class championship Sophomores scored 69 points and Freshmen 49 points.

100 yard run. — Fox, '99, 11⅓s.

220-yard run. — Fox, '99, 24⅘s.

440-yard run. — Sloan, '99, 1m. 3s.

Half-mile run. — Moseley, 1900, 2m. 25s.

120-yard hurdle race. — Brewer, '99, 20½s.

220-yard hurdle race. — Kraentzlein, 1900, 29s.

Half-mile walk. — Griffith, '99, 4m. 16s.

Running high jump. — Kraentzlein, 1900, 5ft. 6in.

Running broad jump. — Brewer, '99, 18ft. 9in.

Pole vault. — Brewer, '99, 8ft. 1in.

Putting shot — Brewer, '99, 33ft. 7in.

Throwing hammer. — Stengle, 1900, 1.

Tug-of-war. — Sophomores won two straight pulls from Freshmen.

Wesleyan University.

The annual fall games were held Oct. 31, 1896. The score of the classes by points was as follows: Freshmen, 82; Juniors, 58; Sophomores, 3.

100-yard run. — Billington, 1900, 10⅘s.; Robbins, 1900, 2.

220-yard run. — Billington, 1900, 24s.; Meeker, '99, 2.

Quarter-mile run. — Tower, '98, 58s.; McNorton, 2.

Half-mile run. — Carey, 1900, 2m. 15s.; Sutton, 2.

1-mile run. — Carey, 1900, 5m. 12s.; McMahon, 1900, 2.

2-mile run. — Carey, 1900, 13m. 5s.; Briggs, '97, 2.

1-mile relay race. — Class of 1898, 1.

120-yard hurdle race. — Wyatt, 1900, 19⅘s.; Hurlburt, '98, 2.

220-yard hurdle race. — Wing, '98, 32s.; Andrews, '99, 2.

1-mile walk. — Sutton, 9m. 54s.; Chandler, '98, 2.

Running high jump. —Wyatt, 1900, 5ft. ½in.; Satchell, 2.

Running broad jump. — Hurlburt, 1900, 17ft. 10in.; Wyatt, 1900, 2.

Pole vault. — Wyatt, 1900, 10ft. ⅝in.; Hurlburt, '98, 2.

Putting the shot. — Moyle, '98, 28ft. 10in.; Platt, 1900, 2.

Throwing hammer. — Griggs, 98, 70ft. 8in.; Sutton, '98, 2.

Yale University.

The annual fall games were held Oct. 31, 1896, on Yale Field, New Haven, Conn. The weather was clear and warm; track and field in good condition; wind fresh with the finishes of all races.

100-yard handicap run. — R. M. Graff, '99, 2 yards, 10⅕s.; C. C. Conway, '99, 3 yards, 2; R. W. Burnett, '97, scratch, 3. In his heat in second round Graff was timed in 9⅘s.

220-yard handicap run.— F. H. Warren, '99, 6 yards, 22⅘s.; C. C. Conway, '99, 6 yards, 2; D. C. Biers, '98, 2 yards, 3.

Quarter-mile handicap run. — T. F. Fisher, scratch, 52⅘s.; D. F. Buckingham, '99, 9 yards, 2; B. B. Johnson, 1900, 6 yards, 3.

Half-mile handicap run. — A. S. Mann, '99, 50 yards, 2m. 4s.; G. S. Oliver, '99, 20 yards, 2.

1-mile handicap run.— E. H. Lewis, '99, 65 yards, 4m. 37s.; C. P. Palmer, '99, 35 yards, 2; H. M. Poynter, 1900, 25 yards, 3.

Interclass relay race, 1 mile. — 1897, F. Boardman, R. B. Hinckley, R. W. Burnet, F. P. Gowan, 3m. 38⅘s.; 1900, Johnson, Cheney, Brand, Treadwell, 2.

120-yard hurdle handicap. — E. C. Perkins, '97, owes 10 yards, 1; W. F. Berger, '99, owes 4 yards, 2; P. Van Ingen, '97, owes 6 yards, 3. The announced time, 16⅘s., from 10 yards behind scratch, seems too fast to be true.

220-yard hurdle handicap. — P. Van Ingen, '97, owes 8 yards, 25⅘s.; E. C. Perkins, scratch, 2; A. Cheney, '98, owes 9 yards, 3.

1-mile handicap walk. — J. E. Hitchcock, '97, scratch, 7m. 41⅘s.; W. Darrach, '97, scratch, 2; J. F. Adams, 1900, 20 seconds, 3.

2-mile bicycle handicap. — W. E. Kirk, '99, scratch, 5m. 11⅕s.; R. R. Howard, '98, 30 yards, 2; L. Tweedy, '99, scratch, 3.

Running high jump, handicap.—W. F. Berger, '99, 4 inches, 5ft. 6in.; N. C. Bradley, '97, 3 inches, 5ft. 3¼in.; S. Dillon, '99, 5 inches, 3.

Running broad jump, handicap.— H. D. Wescott, '98, 8 inches, 20ft. 5in.; O. H. Dowell, '98, 1 foot 6 inches, 19ft. 4in.

Pole vault, handicap. — R. G. Clapp, '99, 6 inches, 10ft. 7in.; C. M. Perry, 1900, 1 foot 6 inches, 9ft. 6in.

OLYMPIAN GAMES.

Stadion, Athens, April 5 to April 15.

These games, though not collegiate in character, deserve mention here inasmuch as the athletes who represented America were all college men. They were: Robert Garrett, Jr., *Captain*, H. B. Jamison, F. A. Lane, and A. C. Tyler, of Princeton; Arthur Blake, E. H. Clarke, W. W. Hoyt, and J. B. Connolly, of Harvard; T. E. Burke, of Boston University, and T. P. Curtis, of the Massachusetts Institute of Technology and Columbia College.

The American contestants distinguished themselves from the very outset, causing the American flag to go up before the flag of any other nation had been raised.

Lane, of Princeton, won the first heat of the 100 metre race, the first event. The two next heats were won by Burke and Curtis. Next came the triple jump, which was won by Connolly. In the discus throw, Garrett beat the Greeks at their own game. In the 400 metre race, the two heats were won by Jamison and Burke, making the first day an uninterrupted series of victories for the Americans.

On the second day, Curtis and Hoyt came in first and second in the hurdle race. The long jump was won by Clarke, Garrett, and Connolly, after all other contestants had dropped out. Burke and Jamison came in first and second in the final heat o the 400 metre race. Garrett then put the shot farther than all others. The lifting contests were won by a Dane and an Englishman respectively, no Americans having entered. In the 1500 metre race, the last event of the second day, Flack, the Australian, came in first, and Blake, of Harvard, second. This was the first time an American was beaten by a man of another nation since the games had begun.

On April 8, the third day, was the bicycle race, at 100 kilometres (about 62 miles, 241 yards). M. Flamant, of France, won in 3h. 8m., with a Greek competitor second.

There were also shooting contests.

On the fourth day, which was unseasonably cold, Flack, of Australasia, won the 800 metre (874.89 yards) run in 2m. 11s., a Dane being second.

At fencing with sabres, Georgiades, of Greece, was first, with his fellow-countryman, Karacalos, second.

In shooting, 40 shots, at 200 metres (218.72 yards), Karrassevdas, of Greece, secured 588 points, and Pavlides, of Greece, 494 points.

On the fifth day, after the Germans and Greeks had distinguished themselves on the horizontal and parallel bars and other apparatus exercise, Burke won the final heat of the 100 metre dash, with Hoffman, a German, second. Then the competition in the high jump, as with the long jump, narrowed down to three Americans, — Clarke, Garrett, and Connolly, — and was finally won by Clarke, of Harvard, 5 feet, 11¼ inches. The final heat in the hurdle race was won by Curtis, with Goulding, an Englishman, second. Hoyt and Tyler won the pole vault, at 10 feet, 9¾ inches, beating all other contestants by a foot and a half. Even this was below Hoyt's own previous record at Harvard. Indeed, it may be worthy of note that no world's records were broken throughout the games.

The principal event — the run from Marathon to Athens, over a distance of twenty-six miles — was won in 2h. 48m., by Spyridion Loues, a Greek peasant, from Marousi, near Kephissia. The second and third to arrive were Vasilakos and Belokos, also Greeks, as were the fifth, sixth, seventh, eighth, and ninth, after a Hungarian had come in fourth. For this run there were eighteen entries, Loues being the last. Blake, the only American who entered the long distance run, took the lead with Flack, the Australian, and held it till within a few miles of Athens, when he succumbed.

On the parallel bars, Flatow, of Germany, won, with Zutter, of Switzerland, second.

At climbing the pole, Andrikopoulos, of Greece, was first, and Xenakis, of Greece, second.

The contests at shooting with revolver and rifle were won by two American brothers, named Payne.

On April 11, the sixth day, the final bout of the wrestling was won by Schuman, of Germany, who beat Tsintas, of Greece.

Hajos, of Hungary, won the swimming race at 100 metres (109.36 yards).

Masson, of France, won the bicycle races, at 2,000 metres (2,187.22 yards), and 10,000 metres (10,936.11 yards).

On April 12, the bicycle race from Athens to Marathon and return, a few yards less than fifty-six miles, was won by Constantinides, of Greece, in 3h. 21m. 31s.

After the games, the Americans signed a memorial advocating the continuance of the games in Greece, instead of in other countries, as had been suggested by the original revivors of the festival.

INTERNATIONAL ATHLETIC CONTESTS.

New York Athletic Club *vs.* London Athletic Club.

On September 21, 1895, the representative athletes of America and England, wearing respectively the colors of the New York Athletic Club, and the London Athletic Club, met on Manhattan Field in New York City. About 12,000 people were present. Of the eleven events contested the Americans won every one.

100-yard dash. — B. J. Wefers, N. Y. A. C., *9⅘s.; C. A. Bradley, L. A. C., 2.

220-yard dash. — B. J. Wefers, N. Y. A. C., †21⅗s.; J. V. Crum, N. Y. A. C., 2.

Quarter-mile run. — T. E. Burke, N. Y. A. C., 49s.; G. Jordan, L. A. C., 2.

Half-mile run. — C. J. Kilpatrick, N. Y. A. C., †53⅗s.; F. S. Horan, L. A. C., 2.

One-mile run. — T. P. Conneff, N. Y. A. C., 4m. 18⅘s.; G. W. Orton, N. Y. A. C., 2.

Three-mile run. — T. P. Conneff, N. Y. A. C., 15m. 36⅕s.; E. J. Wilkins, L. A. C., 2.

120-yard hurdle race. — S. Chase, N. Y. A. C., ‡15⅗s.; G. Shaw, L. A. C., 2.

Running broad jump. — E. B. Bloss, N. Y. A. C., 22ft. 6in.; L. P. Sheldon, N. Y. A. C., 2.

Running high jump. — M. F. Sweeney, N. Y. A. C., 6ft. 5⅝in.; A. S. W. Baltazzi, N. Y. A. C., 2.

Putting the 16-lb shot. — G. R. Gray, N. Y. A. C., 43ft. 5in.; W. O. Hickok, N. Y. A. C., 2.

Throwing the 16-lb hammer. — J. S. Mitchell, N. Y. A. C., 137ft. 5⅛in.; H. P. Cross, N. Y. A. C., 2.

Yale *vs.* Cambridge.

Games held at Manhattan Field on Oct. 5, 1895, Cambridge was successful in three of the eleven events.

100-yard dash. — W. M. Richards, Yale, 10⅕s.; R. U. Burnett, Yale, 2.

300-yard run. — W. M. Richards, Y., 32⅗s.; C. Lewin, Cambridge, 2.

Quarter-mile run. — C. Lewin, C., 49⅘s.; W. M. Richards, Y. 2.

Half-mile run. — F. S. Horan, C., 2m. ⅗s.; P. W. Crane, Y., 2.

One-mile run. — W. Lutyens, C., 4m. 38⅕s.; J. E. Morgan, Y., 2.

High-hurdle race over cinders. — E. H. Cady, Y., 16s.; G. B. Hatch, Y., 2.

High-hurdle race over turf. — G. B. Hatch, Y., 16s.; W. M. Fletcher, C., 2.

Putting the shot. — W. O. Hickok, Y., 42ft. 2in.; A. Brown, Y., 2.

Throwing the hammer. — W. O. Hickok, Y., 130ft. 7in.; H. P. Cross, Y., 2.

Running high jump. — J. H. Thompson, Jr., Y., 5ft. 8¼in.; F. M. Jennings, C., and L. P. Sheldon, Y., tied.

Running broad jump. — L. P. Sheldon, Y., 21ft. 4½in.; F. M. Jennings, C., 2.

ENGLISH UNIVERSITY GAMES.

In the thirty-third annual inter-university games held March 27, 1896, at West Kensington, London, Cambridge won by a score of 5 to 4.

100-yard run. — G. Jordan, University College, Oxford University, 10⅕s.; J. S. C. Mayne, Brasenose C., O. U., 2, by 2 yards; W. Fitz Herbert, Trinity Hall, Cambridge U., 3, by half a yard; H. F. E. Wigram, T. C., C. U., 4.

Quarter mile run. — W. Fitz Herbert, T. C., C. U., 49⅘s.; G. Jordan, U. C., O. U., 2, by 4 feet; H. F. E. Wigram, T. C., C. U., 3, by 8 feet; H. J. Badeley, T. C., O. U., 4.

1-mile run. — H. F. Howard, T. H., C. U., 4m. 29⅗s.; H. J., Davenport, T. C., C. U., 2, by 13½ yards; H. W. Smith, Worcester C., O. U., 3, by 15 yards; F. W. Rathbone, New C., O. U., 0; G. M. Hildyard, N. C., O. U., 0; H. Mather, T. C., O. U., 0.

3-mile run. — J. M. Freemantle, Hertford C., O. U., 15m. 12s.; W. V. Wood, Clare C., C. U., 2, by 10 yards; W. H. Whitelaw, N. C., O. U., 3; Rev. F. S.

* World's record equalled. † New world's record. ‡ Beat world's record; disallowed because Chase toppled over the second hurdle.

Horan, T. H., C. U., 4; H. F. Deakin, Oriel C., O. U.,; and W. W. Gibberd, T. C., C. U., did not finish.

120-yard hurdle race. — E. T. Garnier, O. C., O. U., 16⅘s.; W. J. Oakley, Christ Church, C. C., O. U., 2, by 6 inches; W. H. Maundrell, Corpus C., C. U., 3, by 3 yards; C. E. M. Wilson, T. C., C. U., 4.

Running jump. — E. O. Kirlew, C. C., O. U., 5ft. 8½in.; G. A. Gardiner, N. C., O. U., S. G. Lubbock, King's C., C. U., and A. B. Johnston, C. U., tied at 5ft. 7½in.

Running long jump. — E. Batchelor, Caius C., C. U. 22ft. 7in.; C. G. Vassall, O. C., O U., 22ft. 3in.; W. Mendelson, J. C., C. U, 21ft. 8in.; G. J. Mordaunt, U. C., O. U., 21ft. 5in.

Putting the 16-lb. weight from a 10ft. square. — H. Bullock, T. C. C. U., 38ft. 2in.; W. J. Oakley, C. C., O. U., 37ft. 3in.; A. D. Dowson, N. C., O. U., 33ft. 6in.; F. Mitchell, C. C., C. U., 34ft. 10in.

Throwing 16-lb. hammer, from a 30-foot circle. — A. B. Johnston, Pembroke C., C. U., 107ft. 7in.; J. A. Halliday, T. C., C. U., 99ft. 11in.; W. J. Oakley, C. C. C., O. U., 0; A. D. Dowson, N. C., O. U., 0.

Cambridge won the majority of firsts in 19 years, Oxford in 13 years, and in 1864, when there were but 8 events, the result was a tie in firsts, although Cambridge won by scoring 7 seconds against 1 for Oxford.

The score of the series of meetings is as follows:

Oxford.	1st.	2d.	Cambridge.	1st.	2d.
1864	4	1	1864	4	7
1865	3	3	1865	6	6
1866	3	5	1866	5	3
1867	3	4	1867	6	5
1868	5	4½	1868	4	4½
1869	3½	4	1869	5½	4
1870	7½	2	1870	1½	6
1871	5½	3	1871	3½	5
1872	3½	3	1872	5½	6
1873	6	5	1873	3	4
1874	5	7	1874	4	2
1875	6	8	1875	3	1
1876	6	3	1876	3	6
1877	4	3½	1877	5	5½
1878	4	7	1878	5	2
1879	4	6½	1879	5	3½
1880	3	9	1880	6	0
1881	5	6	1881	4	3
1882	4	5	1882	5	4
1883	3	4	1883	6	5
1884	6	3	1884	3	6
1885	7	3	1885	4	5
1886	6	5½	1886	3	3½
1887	3	5½	1887	6	3½
1888	4	5	1888	5	4
1889	3½	4	1889	5½	4
1890	3	3	1890	6	6
1891	2½	4	1891	6½	4
1892	4	6	1892	5	3
1893	7	4	1893	2	5
1894	6	4½	1894	3	4½
1895	4	7	1895	5	2
1896	4	5½	1896	5	3½
Totals,	148	153½	Totals,	149	135½

ROWING.

Single Sculls.

Distance.	Rowers.	Place.	Date.	Time.
miles.				m. s.
¼	Edwin Hedley	Lake Geneva, Wis.	Aug. 19, 1892	1.17
1	Ellis Ward	Savannah River	Apl. 1, 1872	5.01
1½	Fred Hawkins	Passaic River	May 30, 1890	9.18¾
2	J. Tyler	Hudson River	June 24, 1868	11.20
3	H. J. G. Gandam	Duluth, Minn	July 26, 1890	19.31
4	E. Hanlan	Ogdensburg, N. Y	July 28, 1883	27.57½
5	E. Hanlan	Chaut'qua Lake, N.Y.	Oct. 16, 1879	33.56¼

Pair-Oared Shells.

				m. s.
3	G. Faulkner, P. Regan	Philadelphia, Pa.	Sept. 5, 1876	20.28
5	John and Barney Biglin	Philadelphia, Pa.	May 20, 1872	32.01

PAIR-OARED GIGS.

Distance.	Rowers.	Place.	Date.	Time.
miles.				
2	D. G. Bartlett, G. Gibbs and J. Gleecker	Passaic River	May 30, 1890	10.10

DOUBLE SCULLS.

1	J. Smith, J. C. Hayes	Harlem River	Sept. 9, 1885	5.55¼
1½	J. C. Griffith, C. Donogan	Passaic River	May 30, 1890	8.36⅝
1½	George Freeth, J. Platt	Passaic River	May 30, 1890	8.41½
2	F. E. Yates, C. E. Courtney	Saratoga Lake	Aug. 8, 1876	12.16
3	P. H. Conley, C. E. Courtney	Near Albany, N. Y.	Aug. 20, 1885	17.57¼

FOUR-OARED SHELLS.

1	Argonauta Rowing Association	Kill von Kull	Sept. 1, 1883	4.51
2	Minnesota Boat Club	Mississippi River	Aug. 12, 1884	12.30
3	Argonauta Rowing Association	Kill von Kull	Sept. 8, 1875	15 37¼
4	Ward Bros. (Joshua, Ellis, Gilbert, and Hank)	Saratoga Lake, N. Y.	Sept. 11, 1871	24.40
5	John, James, and Barney Biglin, and Dennis Leary	Harlem River	Sept. 10, 1860	30.44¾
6	E. Ross, L. Hutton, J. Price, and R. Fulton (the famous Paris crew)	St. John, N. B	Aug. 23, 1871	39.20⅝

SIX-OARED SHELLS.

3	Amherst University Crew	Springfield, Mass.	July 24, 1872	16.32⅝

EIGHT-OARED SHELLS.

1	Columbia College Boat Club	Harlem River	June 1, 188	5.04¾
1½	Bradford Boat Club, Senior	Passaic River	May 30, 189	7.33
1½	Passaic Boat Club, Junior	Passaic River	May 30, 189	7.21
2	Columbia College Freshmen	New London	June 24, 1891	9.41
3	Cornell University Crew	New London	June 25, 1891	14.27½
4	Yale College University Crew	New London	June 29, 1888	20.10

UNIVERSITY RACE. FOUR COLLEGES.

JUNE 27, 1896.

POUGHKEEPSIE. FOUR MILES. DOWN THE HUDSON.

The official decision was: Cornell, first, time, 19m. 29s.; Harvard, second, time, 19m. 32s.; Pennsylvania, third, 20m. 11s.; Columbia, fourth, 21m. 34s.

Cornell won by 2½ lengths, while Harvard finished 2¾ lengths in front of Pennsylvania.

The make-up and statistics of the four crews were as follows: —

CORNELL.

Position.	*Name.*	*Height. Ft.*	*In.*	*Weight. Pounds.*
Bow	I. C. Ludlum, '98	5	10	160
No. 2	W. B. Chriswell, '97	5	8	160
No. 3	C. S. Moore, '98	5	10½	162
No. 4	F. W. Freeborn, '97, Capt.	5	11	176
No. 5	E. J. Savage, 98	5	11	160
No. 6	E. O. Spillman, '97	5	10	163
No. 7	L. L. Tatum, '97	5	10	160
Stroke	F. A. Briggs, '98	5	10	140
Coxswain	F. D. Colson	5	6	103

Average weight, 160½ pounds.

HARVARD.

Position.	*Name.*	*Height. Ft.*	*In.*	*Weight. Pounds.*
Bow	G. S. Derby, '96	5	10½	168
No. 2	R. M. Townsend, '96	5	9	164
No. 3	J. H. Perkins, '98	6	1½	176
No. 4	F. Hollister, '97	5	10½	174
No. 5	E. H. Fennessey, '96	5	8½	165
No. 6	R. A. Sprague, '98	6	0	178
No. 7	J R. Bullard, Jr., '96, Capt.	5	9	160
Stroke	D. M. Goydrich, '98	6	0½	170
Coxswain	P. D. Rust, '98			115

Average weight, 169⅜ pounds.

PENNSYLVANIA.

Bow	G. L. Megargee, '98	5	11	154
No. 2	H. A. Kregelius, '99	5	11	168
No. 3	F. M. Dunn, '97	6	0	161
No. 4	S. A. Boyle, '97, Capt.	5	10	165
No. 5	E. I. Stearns, '98	6	0	175
No. 6	G. A. Stevenson, '97	5	11	170
No. 7	James W. Kier, '97	5	10	172
Stroke	W. H. Howell, '97	6	0	160
Coxswain	George L. McAvoy, '98	5	7	105

Average weight, 165⅝ pounds.

COLUMBIA.

Bow	R. W. Pressprich, '97	5	7½	164
No. 2	J. H Prentice, '97, Capt.	6	0	176
No. 3	A. R. Campbell, '98	6	0	174
No. 4	W. C. Hobdy, '96	6	0	182
No. 5	D. Macgregor, '96	6	1½	176
No. 6	G. H. Carter, '96	6	1	195
No. 7	O. A. Longacre, Jr., '98	5	11	176
Stroke	H. E. Pierrepont, Jr., '97	5	10	156
Coxswain	B. W. Van Voorhis			120

Average weight, 174⅞ pounds.

The officials in charge of the race were:

Officials for 'Varsity race. — Referee, George L. Rives, Columbia. Judges on referee's boat. — Guy Richards, '87, Columbia; George S. Mumford, Harvard; H. T. White, Cornell; Reginald L. Hart, University of Pennsylvania. Timers. — Walter B. Peet, '85, Columbia; R. C. Watson, Harvard; F. W. Kelley, Cornell; Louis C. Madeira, Jr., University of Pennsylvania. Judges at the finish. — William B. Curtis, E. B. Sturgis. '95, S. of M., Columbia; J. B. Moulton, Harvard; H. H. Van Cleef, Cornell, and Joseph Head, University of Pennsylvania.

FRESHMAN RACE. FOUR COLLEGES.

JUNE 24, 1896.

POUGHKEEPSIE. TWO MILES. DOWN THE HUDSON.

The official decision was: Cornell, first, time, 10m. 18s.; Harvard, second, 10m. 22s.; Pennsylvania, third, 10m. 26⅘s.; Columbia, fourth, 10m. 51s. Cornell won by a length and a quarter, while Harvard finished three-quarters of a length in front of University of Pennsylvania.

The make-up and statistics of the four crews were as follows: —

CORNELL.

Position.	*Name.*	*Height. Ft.*	*In.*	*Weight. Pounds.*
Bow	W. B. Stamford	5	10	156
No. 2	F. S. Bayley	5	11	157
No. 3	W. Wakeman, Capt.	6	0	158
No. 4	C. King	6	0	160
No. 5	Platt Russell	6	1½	159
No. 6	C. M. Oddy	6	1¼	162
No. 7	W. C. Dalzell	5	11	163
Stroke	E. B. Carter	5	10	158
Coxswain	S. L. Losher			105

Average weight, 159⅛ pounds.

HARVARD.

Bow	B. H. Dibble	5	8	144
No. 2	F. R. Swift	5	11	160
No. 3	G. D. Marvin	5	11	154
No. 4	J. F. Perkins, Capt.	6	0	160
No. 5	B. H. Whitbeck	5	9½	162
No. 6	C. Thomson	6	0½	169
No. 7	C. H. McDuffie	6	0	163
Stroke	E. A. Boardman, Jr.	5	10½	156
Coxswain	F. R. Plum			109

Average weight, 158½ pounds.

PENNSYLVANIA.

Bow	S. D. Sinkler	5	8	140
No. 2	Charles H. Rogers, Capt.	5	9½	153
No. 3	Ralph W. Smith	5	7	140
No. 4	Herman Kregelius	6	0	165
No. 5	E. I. Stearns	5	11	181
No. 6	Joseph F. De Silver	5	11	173
No. 7	J. Herbert Hall	5	9	160
Stroke	J. Max Rengenberg	5	11	161
Coxswain	Wallace Lee			112

Average weight, 159⅛ pounds.

COLUMBIA.

Bow	E. C. Ropes	5	10	156
No. 2	H. Van Wagenen	5	7¾	165
No. 3	H. A. Schroeder	5	9¼	149
No. 4	E. A. Chao	5	7	150
No. 5	H. H. Oddie	5	11¼	165
No. 6	R. Bigelow	5	11	162
No. 7	C. H. Elmer, Capt.	5	11½	162
Stroke	B. B. Tilt	5	10¼	150
Coxswain	J. M. Schley	5	5½	112

Average weight, 157⅜ pounds.

The start was protested, but the protest was not allowed. In the race the Cornell boat was handicapped by the breaking of an oar-lock.

PENNSYLVANIA FRESHMEN AND ANNAPOLIS CADETS.

May 16th, Severn River, Two Miles.

May 16, on the Severn River, at Annapolis, Md. Course from the Lighthouse to the Cemetery, 2 miles straightaway, in eight-oared shells, with coxswains. Wind fresh; water rough. — University of Pennsylvania Freshmen, 10m. 53s.: United States Naval Academy, 11m. 12s. The losers were hindered a little by an intruding schooner, but not enough to alter the result of the race.

The crews were as follows: —

University of Pennsylvania Freshmen. — H. Kregelius (bow), G. A. Boyle, J. B. Carnett, G. L. Megargee, E. J. Sterns, G. A. Stephenson, J. W. Kerr, H. W. H. Howell (stroke), Honne (coxswain).

United States Naval Academy. — Graene (bow), Collins, Reynolds, Fischer, Overstreet, Holligan, Palmer, McCarthy (stroke), Cronen (coxswain).

UNIVERSITY OF WISCONSIN AND YALE FRESHMEN.

June 8th, Lake Saltonstall, Conn. Two Mile Course.

Wisconsin won its first college boat race by 15 lengths. The winners' time was 12m. 6s., over a course with a bend of about 15 degrees.

Following are the crews: —

UNIVERSITY OF WISCONSIN.

A. F. Alexander, '98 (bow), weight 148 lbs.: Walter Alexander, '97 (No. 2), 156 lbs.; Marshal Seymour, '98 (No. 3), 154 lbs.; Curran McConville, '98 (No. 4), 166 lbs.; J. Daniels, '98 (No. 5), 156 lbs.; Lee Austin, '98 (No. 6), 160 lbs.; Lee Kennaird, '98 (No. 7). 152 lbs.; Lester Street, '98 (stroke), 150 lbs. Average, 154½.

YALE FRESHMEN.

W. K. Sturgis (bow), weight, 155 lbs.; T. Wright (No. 2), 170 lbs.; A. F. Way (No. 3), 153 lbs.; G. W. Slocovitch (No. 4), 166 lbs.; H. Parkhurst (No. 5), 163 lbs.; N. A. Howard (No. 6), 163 lbs.; W. E. S. Griswold (No. 7), 163 lbs.; T. H. Hewitt (stroke), 156 lbs. Average, 161½.

HARVARD AND YALE, 1852–1870.

1852, August 3. Lake Winipiseogee, Centre Harbor, N.H., two miles straight to windward, in eight-oared barges, class of 1853, Oneida, of Harvard, beat Halcyon, of Yale, two lengths.

1855, July 21. Connecticut River, at Springfield, three miles with a turn. Barges Iris (eight-oared) and Y. Y. (four-oared, of Harvard, beat Nereid and Nautilus (both sizes), of Yale. Allowances 11 seconds per oar. Time: Iris, 22m.; Y. Y., 22m. 3s.; Nereid, 23m. 38s., and Nautilus, 24m. 38s.

1858, no race. George E. Dunham, stroke of the Yale crew, was drowned at Springfield, six days before the race, in a collision while at practice.

1859, July 26. Lake Quinsigamond, Worcester, Mass., three miles with a turn. Harvard shell, 19m. 18s.; Yale shell, 20m. 18s. Harvard lapstreak, Avon, 21m. 13s.; Brown lapstreak, Atlanta, 24m. 40s. Same course, July 27, in Citizens' Regatta, Yale shell, 19m. 14s.; Harvard, 19m. 16s.

1860, July 24. Lake Quinsigamond. Harvard, 18m. 53s.; Yale, 19m. 5s.; Brown, 21m. 15s.

There were no further races until 1864, when they were renewed by university six-oared crews, at three miles with a turn, and with the following results: —

Date.	Course.	Winner.	Time.	Loser.	Time.
July 29, 1864	Lake Quinsigamond	Yale	19.01	Harvard ...	19.43½
July 28, 1865	" "	"	17.42½	" ...	18.09
July 27, 1866	" "	Harvard	18.43	Yale	19.10
July 19, 1867	" "	"	18.13	"	19.25½
July 24, 1868	At Worcester, Mass.	"	17.48½	"	18.38½
July 23, 1869	Lake Quinsigamond	"	18.02	"	18.11
July 22, 1870	Lake Saltonstall ...	"	(foul)	"	Disq.

The Inter-University Races, 1871-1876.

In 1871 the Inter-University Races were begun in which Harvard and Yale and other Colleges were contestants.

1871, July 21. At Springfield, three miles straight. Massachusetts Agricultural, 16m. 46½s.; Harvard, 17m. 23½s.; Brown, 17m. 47½s.

1872, July 24. At Springfield, same course. Amherst, 16m. 33s.; Harvard, 16m. 57s.; Amherst Agricultural, 17m. 10s.; Bowdoin, 17m. 31s.; Williams, 17m. 59s.; Yale, 18m. 13s.

1873, July 17. At Springfield, same course. Yale, 16m. 59s.; Wesleyan, 17m. 9s.; Harvard, 17m. 36½s.; Amherst, 17m. 40s.; Dartmouth, 18m. 7s.; Columbia, 18m. 16s.; Massachusetts Agricultural, 18m. 26½s.; Cornell, 18m. 32s.; Bowdoin, 18m. 49½s.; Trinity, 19m. 32s.; Williams, 19m. 45s.

1874, July 18. At Saratoga, N.Y., three miles straight. Columbia, 16m. 42s.; Wesleyan, 16m. 50s.: Harvard, 16m. 54s.; Williams, 17m. 8s.; Cornell, 17m. 31s.; Dartmouth, 18m.; Trinity, 18m. 23s.; Princeton, 18m. 38s.; Yale fouled and was withdrawn.

1875, July 14. At Saratoga, N.Y. Cornell, 16m. 53½s.; Columbia, 17m. 4½s.; Harvard, 17m. 5s.; Dartmouth, 17m. 10½s.; Wesleyan, 17m. 13½s.; Yale, 17m. 14½s.; Amherst, 17m. 29½s.; Brown, 17m. 33½s.; Williams, 17m. 43½s.; Bowdoin, 17m. 50½s.; Hamilton and Union not timed; Princeton was withdrawn.

1876, July 19. At Saratoga, N. Y. Cornell, 17m. 1½s.; Harvard, 17m. 5½s.; Columbia, 17m. 8½s.; Union, 17m. 27½s.; Wesleyan, 17m. 58½s.; Princeton, 18m. 10s. Yale refused to enter, but rowed Harvard an eight-oared race as below.

Harvard and Yale, 1876-1895.

The Harvard and Yale University "eights" have rowed as follows — distance, four miles straight.

Date.	Course.	Winner.	Time.	Loser.	Time.
June 30, 1876	Springfield, Mass....	Yale	22.02	Harvard ...	22.33
June 30, 1877	" " ...	Harvard ..	24.36	Yale	24.44
June 28, 1878	New London, Ct....	" ..	20.44¾	"	21.29
June 27, 1879	" " ...	" ...	22.15	"	23.58
July 1, 1880	" " ...	Yale	24.27	Harvard ...	25.09
July 1, 1881	" " ...	"	22.13	" ...	22.19
June 30, 1882	" " ...	Harvard ..	20.47	Yale	20.50½
June 28, 1883	" " ...	" ...	24.26	"	25.59
June 26, 1884	" " ...	Yale	20.31	Harvard ...	20.46
June 26, 1885	" " ...	Harvard ..	25.15½	Yale	26.30
July 2, 1886	" " ...	Yale	20.41¼	Harvard ...	21.05¾
July 1, 1887	" " ...	"	22.56	" ...	23.10½
June 29, 1888	" " ...	"	20.10	" ...	21.24
June 29, 1889	" " ...	"	21.30	" ...	21.55
June 27, 1890	" " ...	"	21.29	" ...	21.40
June 26, 1891	" " ...	Harvard ..	21.23	Yale	21.57
July 1, 1892	" " ...	Yale	20.48	Harvard ...	21.42½
June 30, 1893	" " ...	"	25.01½	" ...	25.15
June 28, 1894	" " ...	"	22.47	" ...	24.40
June 28, 1895	" " ...	"	21.30	" ...	22.05

Columbia and Harvard, 1881–1887.

In 1881 Columbia and Harvard began to row a full university eight-oared race over the Thames course at New London. The race in 1882 was, however, a row-over for Columbia, Harvard declining to row on account of a dispute as to hour of race.

No race has been rowed since 1887.

Date.	Course.	Winner.	Time.	Loser.	Time.
June 27, 1881	New London, Ct....	Harvard.	21.45	Columbia...	21.58
July 3, 1882	" "	Columbia	24.32	Harvard....	Declined
June 20, 1883	" "	Harvard.	24.45	Columbia...	25.55
June 18, 1884	" "	"	24.21	"	24.39
June 20, 1885	" "	"	24.27	"	26.22
June 25, 1886	" "	Columbia	21.38	Harvard....	22.00
June 27, 1887	" "	Harvard.	20.24	Columbia...	20.29

Yale and University of Pennsylvania, 1886–1889.

University Crew.

Date.	Course.	Distance.	Winner.	Time.
1886	New London, Ct.....	4 miles.....	Yale	22.23
1887	" "	"	"	22.20
1888	" "	"	"	21.19½
1889	" "	"	"	22.50

Freshman Crew.

Date.	Course.	Distance.	Winner.	Time.
1887	New London.....	2 miles.....	Yale.....	9.55
1888	" "	"	Yale.....	11.32
1889	" "	"	Penna.....	10.08½

Inter-Collegiate Rowing Association, 1883–1895.

Since 1883 a race for fours, without coxswains, has been rowed at a mile and a half straight, under the auspices of the Inter-Collegiate Rowing Association.

1883, July 4. At Lake George, N. Y., Cornell, 11.57; University of Pennsylvania, 12.29; Princeton, 12.40; Wesleyan, 12.47.

1884, July 7. At Saratoga, N. Y., University of Pennsylvania, 8.39¾; Cornell, 8.41; Princeton, 8.49; Columbia, 9.25, and Bowdoin, not timed.

1885, July 4. At Lake Quinsigamond (Worcester), Mass., Cornell finished first in 9.10½, followed by Brown, Bowdoin, and University of Pennsylvania. Referee decided Cornell disqualified for a foul, ordered Brown and Bowdoin to row over, and placed University of Pennsylvania third. July 15, same course, Bowdoin, 8.26; Brown, second.

1886, July 3. At Lake George, N. Y., Bowdoin, 8.06; University of Pennsylvania, second. Won by a length and a half.

1887, July 5. At Lake Quinsigamond, Cornell defeated Bowdoin by 2 feet, in 9.28¾.

1889, June 27. A match between Cornell, Columbia, and University of Pennsylvania, in eight-oared shells, was rowed at three miles over the New London course, from Winthrop's Point, up river, Cornell winning somewhat easily, Columbia second.

Time not accurately taken, owing to darkness. Said to be between 15 minutes 3 seconds and 16 minutes 4 seconds.

1890, June 26. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at New London. Time, 14 minutes 43 seconds.

1891, June 25. Cornell defeated University of Pennsylvania by six, and Columbia by thirteen lengths in a three-mile race at New London. The time, 14 minutes, 27½ seconds, breaks record.

1892, June 15. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at Ithaca. The time was 17 minutes 26 seconds.

1893, July 8. Cornell defeated University of Pennsylvania in a four-mile race at Lake Minnetonka. The time was 23 minutes 52 seconds.

1894, June 16. Cornell defeated University of Pennsylvania in a four-mile race by two and a half lengths on the Delaware. Time, 21 minutes 12½ seconds.

1895, June 24. Columbia defeated Cornell in a four-mile race by six lengths on the Hudson River at Poughkeepsie. Time, 21 minutes 25 seconds. University of Pennsylvania did not enter on account of a damaged boat.

Freshmen Eights, 1880–1886.

Previous to 1880 a number of races were rowed by freshman crews of the several universities and colleges, with six oars. In 1880 an agreement was entered into by Harvard and Columbia to row an eight-oared race annually at two miles straight-away. In 1886 Yale joined, but sank in the race.

Date.	Course.	Winner.	Time.	Loser.	Time.
July 7, 1880	New London, Ct....	Harvard.	11.32	Columbia...	11.37
June 30, 1881	Back Bay, Boston...	"	9.05¾	"	9.21¾
July 1, 1882	Harlem River, N.Y.	Columbia	10.56	Harvard....	11.10
June 27, 1883	New London, Ct....	Harvard.	11.03	Columbia...	11.22
June 26, 1884	" ".....	Columbia	9.43½	Harvard....	9.54
June 25, 1885	" ".....	Harvard.	12.22	Columbia...	13.12
July 1, 1886	" ".....	"	11.53	"	12.10
June 30, 1887	" ".....	Columbia	11.13¾	Harvard....	11.35
June 28, 1888	" ".....	"	11.54	"	12.08
June 27, 1889	" ".....	Harvard.	12.21	Columbia...	12.28
June 24, 1890	" ".....	Cornell...	11.16½	Yale.....	11.25
				Columbia	11.29
June 27, 1890	" ".....	Columbia	10.54	Harvard....	10.57
June 24, 1891	" ".....	Columbia	9.41	Yale.....	No record.
				Harvard.	"
June 9, 1892	Ithaca.....	Cornell...	10.56	Columbia...	11.24
July 1, 1892	New London, Ct....	Yale.....	12.03½	Columbia	No record.
				Harvard.	"
June 28, 1893	" ".....	"	10.23	Harvard.	"
				Columbia	"
June 28, 1894	" ".....	"	11.15	Columbia	11.26
				Harvard.	11.56
June 27, 1895	" ".....	"	10.28	Harvard.	10.33
				Columbia	11.18½

Childs Cup Race, 1879–1889.

Four-oared shells, one and a half miles, straightaway, on Schuylkill.

1879, Pennsylvania, 9m. 23s.
1880, Columbia, 9m. 04¾s.
1881, Princeton, Row-over.
1882, Pennsylvania, 9m. 32s.
1883, Pennsylvania, 9m. 31½s.
1884, Pennsylvania, 9m. 06¾s.
1885, Cornell, 8m 51s.
1886, Pennsylvania, Row-over.
1887, Cornell, Forfeit.
1889, Cornell, * 6m. 40s.

* Eight-oared shell.

Henley Regatta Grand Challenge Cup, 1839–1896.

The course is one mile and 550 yards in length. The winners of the cup were as follows: —

Trinity College, Cambridge, 1839; Leander, 1840; Cambridge Rooms, 1841 and 1842; Oxford University, 1843; Etonian Club, Oxford, 1844; Cambridge University, 1845; Thames Club, 1846; Oxford University, 1847 and 1848; Wadham College, Oxford, 1849; Oxford University, 1850, 1851, 1852 and 1853; Trinity College, Cambridge, 1854; Cambridge University, 1855; Cheshire Rowing Club, 1856; London Rowing Club, 1857; Cambridge University, 1858; London Rowing Club, 1859; First Trinity, Cambridge, 1860 and 1861; London Rowing Club, 1862; University College, Oxford, 1863; Kingston Rowing Club, 1864 and 1865; Etonian Club, Oxford, 1866 and 1867; London Rowing Club, 1868; Etonian Club, Oxford, 1869, 1870 and 1871; London Rowing Club, 1872, 1873 and 1874; Leander Club, 1875; Thames Rowing Club, 1876; London Rowing Club, 1877; Thames Rowing Club, 1878; Jesus College, Cambridge, 1879; Leander Club, 1880; London Rowing Club, 1881; Exeter College, Oxford, 1882; London Rowing Club, 1883 and 1884; Jesus College, Cambridge, 1885; Trinity Hall, Cambridge, 1886 and 1887; Thames Rowing Club, 1888 and 1889; London Rowing Club, 1890; Leander Club, 1891, 1892, 1893 and 1894; Trinity Hall, Cambridge, 1895; Leander Club, 1896.

International Rowing, 1869–1896.

1869. A Harvard 'varsity four rowed Oxford over the Putney to Mortlake course, on Thames, 4 miles 2 furlongs, and was defeated by six seconds.

1876. At the Centennial Regatta, Philadelphia, a Yale four, stroked by Robert J. Cook, the present coach, lost by four feet to the London Rowing Club. Time, 8.51 for both crews.

In another event at the same regatta crews of Yale, Columbia, and First Trinity of Cambridge met. Trinity was very badly steered and did not finish. Yale secured first honors; Columbia second.

1878. Columbia sent a four-oared crew to Henley, which were beaten in a trial heat for the Stewards' Challenge Cup, but won the Visitors' Challenge Cup. This continues to be the only English boating trophy on this side the ocean.

The Shoe-wae-cae-mette four were defeated in the final heat for the Stewards' Challenge Cup at Henley.

1881. Cornell sent to Henley a four-oared crew that had the previous year won the American Inter-collegiate Regatta on Lake George. It lost at Henley as well as subsequently on the Continent.

1895. Cornell entered an eight-oared crew for the Grand Challenge Cup at Henley. It won its first heat from Leander by default, and lost its second to Trinity Hall, collapsing about 300 yards from the finish. Trinity Hall's time, 7.14.

1896. Yale entered an eight-oared crew for the Grand Challenge Cup at Henley, which met Leander, said to be the fastest crew that ever represented this club, in the first heat, and were defeated by one length and three-quarters in 7.14. Leander subsequently won the cup, defeating New College and the Thames Rowing Club. The statistics and make-up of the Yale crew were as follows.

Bow — J. W. Simpson, St. Paul, Minn., Class of 1897; weight, 164 lbs.; height, 5ft. 10½in.; age, 21 years.

No. 2 — A. Brown, Philadelphia. Class of 1896; weight, 171 lbs.; height, 6ft.; age, 23 years.

No. 3 — W. M. Beard, Poughkeepsie, N. Y., Class of 1896; weight, 184 lbs.; height, 5ft. 9in.; age 20 years.

No. 4 — J. O. Rogers, Toledo, O., Class of 1898; weight, 180 lbs.; height 6ft.; age 21 years.

No. 5 — P. H. Bailey, Windsor Locks, Conn., Class of 1897; weight, 177 lbs.; height, 6ft.; age, 22 years.

No. 6 — J. M. Longacre, Philadelphia; weight, 182 lbs.; height, 6ft.; age 23 years.

No. 7 and Captain — R. B. Treadway, Sioux City, Ia., Class of 1896; weight, 172 lbs.; height, 5ft. 11½ in.; age, 21 years.

Stroke — G. Langford, St. Paul, Minn., Class of 1897; weight, 176 lbs.; height, 6ft. 1¼in.; age, 19 years.

Coxswain — T. Clark, New Orleans, Class of 1897.

Substitute — G. T. Marsh, Lansingburg, N. Y., Class of 1896; weight, 170 lbs.; height, 6ft.; age 20 years.

Substitute — P. Whitney, New York City, Class of 1898; weight, 171 lbs.; height, 5ft. 10½in.; age, 19 years.

Substitute — P. D. Mills, West Point, N. Y., Class of 1897; weight, 171 lbs.; height, 5 ft. 10¼in.; age, 19 years.

Oxford and Cambridge, 1829–1896.

The first contest between the two universities took place at Henley in 1829, the next in 1836. Oxford has now won thirty and Cambridge twenty-two races, the contest in 1877 having resulted in a dead heat.

The Record.

Year.	Date.	Winner.	Course.	Distance.		Time.		Won by.
				M.	Yds.	M.	S.	
1829	June 10	Oxford	Henley	2	660	14	30	Easily.
1836	June 17	Cambridge	W. to P.	5	825	36	0	1 min.
1839	Apr. 3	Cambridge	W. to P.	5	825	31	0	1 m. 45s.
1840	Apr. 15	Cambridge	W. to P.	5	825	29	30	¾ length.
1841	Apr. 14	Cambridge	W. to P.	5	825	32	30	1 m. 4s.
1842	June 11	Oxford	W. to P.	5	825	30	45	13 sec.
1845	Mar. 15	Cambridge	P. to M.	4	300	23	30	30 sec.
1846	Apr. 3	Cambridge	M. to P.	4	440	21	5	2 lengths.
1849	Mar. 29	Cambridge	P. to M.	4	300	22	0	Easily.
1849	Dec. 15	Oxford	P. to M.	4	300			Foul.
1852	Apr. 3	Oxford	P. to M.	4	300	21	36	27 sec.
1854	Apr. 8	Oxford	P. to M.	4	300	25	29	11 strokes.
1856	Mar. 15	Cambridge	M. to P.	4	1,640	25	50	½ length.
1857	Apr. 4	Oxford	P. to M.	4	300	22	35	35 sec.
1858	Mar. 27	Cambridge	P. to M.	4	300	21	23	22 sec.
1859	Apr. 15	Oxford	P. to M.	4	300	24	40	Camb. sank.
1860	Mar. 31	Cambridge	P. to M.	4	300	26	5	1 length.
1861	Mar. 23	Oxford	P. to M.	4	300	23	30	48 sec.
1862	Apr. 12	Oxford	P. to M.	4	300	24	41	30 sec.
1863	Mar. 28	Oxford	M. to P.	4	1,640	23	6	43 sec.
1864	Mar. 19	Oxford	P. to M.	4	300	21	40	26 sec.
1865	Apr. 8	Oxford	P. to M.	4	300	21	24	4 lengths.
1866	Mar. 24	Oxford	P to M.	4	300	25	35	15 sec.
1867	Apr. 13	Oxford	P. to M.	4	300	22	40	⅙ length.
1868	Apr. 4	Oxford	P. to M.	4	300	20	56	6 lengths.
1869	Mar. 17	Oxford	P. to M.	4	300	20	5	3 lengths.
1870	Apr. 6	Cambridge	P. to M.	4	300	22	4	1½ lengths.
1871	Apr. 1	Cambridge	P. to M.	4	300	23	5	1 length.
1872	Mar. 23	Cambridge	P. to M.	4	300	21	15	2 lengths.
1873	Mar. 29	Cambridge	P. to M.	4	300	19	35	3½ lengths.
1874	Mar. 28	Cambridge	P. to M.	4	300	22	35	3 lengths.
1875	Mar. 20	Oxford	P to M.	4	300	22	2	10 lengths.
1876	Apr. 8	Cambridge	P. to M.	4	300	20	20	Won easily.
1877	Mar. 24	D. H.	P. to M.	4	300	24	8	
1878	Apr. 13	Oxford	P. to M.	4	440	22	13	10 lengths.
1879	Apr. 5	Cambridge	P. to M.	4	440	21	18	3½ lengths.
1880	Mar. 22	Oxford	P. to M.	4	440	21	23	3¾ lengths.
1881	Apr. 8	Oxford	P. to M.	4	440	21	51	3 lengths.
1882	Apr. 1	Oxford	P. to M.	4	440	20	12	7 lengths.
1883	Mar. 15	Oxford	P. to M.	4	440	21	8	¼ lengths.
1884	Apr. 7	Cambridge	P. to M.	4	440	21	39	2½ lengths.
1885	Mar. 28	Oxford	P. to M.	4	440	21	36	2½ lengths.
1886	Apr. 3	Cambridge	P. to M.	4	440	22	29	⅜ length.
1887	Mar. 26	Cambridge	P. to M.	4	440	20	52	3 lengths.
1888	Mar. 24	Cambridge	P. to M.	4	440	20	48	6 lengths.
1889	Mar. 30	Cambridge	P. to M.	4	440	20	14	3 lengths.
1890	Mar. 26	Oxford	P. to M.	4	440	22	3	1 length.
1891	Mar. 21	Oxford	P. to M.	4	440	22	0	½ length.
1892	Apr. 9	Oxford	P. to M.	4	440	19	21	2½ lengths.
1893	Mar. 22	Oxford	P. to M.	4	440	18	47	2½ lengths.
1894	Mar. 17	Oxford	P. to M.	4	440	21	39	3½ lengths.
1895	Mar. 30	Oxford	P. to M.	4	440	20	50	2½ lengths.
1896	Mar. 28	Oxford	P. to M.	4	440	20	1	½ length.

English Varsity Crews of 1896.

Oxford.

J. J. DeKnoop (New American), bow weight, 159 lbs.; C. K. Phillips (New) 172 lbs.; E. C. Sherwood (Magdalen), 180 lbs.; C. D. Burnell (Magdalen), 191 lbs.; E. R. Balfour (University), 190 lbs.; R. Carr (Magdalen), 178 lbs.; W. E. Crum, (New), 171 lbs.; H. Gold (Magdalen), stroke, 159 lbs.; H. Pechell (Brasenose), coxswain, 117 lbs.

Cambridge.

T. B. Hope (Trinity Hall), bow, weight, 155 lbs.; H. A. Game (First Trinity), 175 lbs.; D. Pennington (Caius), 174 lbs.; R. Y. Bonsey (Lady Margaret), 180 lbs.: W. A. Bieber (Trinity Hall), 180 lbs.; T. J. G. Duncanson (Emmanuel), 195 lbs.; A. S. Bell (Trinity Hall), 170 lbs.; W. J. Fernie (Trinity Hall), stroke, 170 lbs.; T. R. Paget-Tomlinson (Trinity Hall), coxswain, 117 lbs.

FALL CLASS RACES.

Cornell University.

Their fall regatta was rowed Nov. 10, 1896 on Cayuga Lake, the course being a mile and five-sixteenths straightaway. The weather was pleasant, wind light from the west, and water in fair condition for first half and lumpy in last half of course. The race was for class crews in eight-oared shells, with coxswains.

Sophomores.— Stamford (bow), Bailey, Wakeman, King, Raymond, Oddie, Dallzell, Wagner (stroke), Fisher (coxswain), a dead heat for first place in 7m. 17s.

Seniors. — Smith (bow), Chriswell, Crum, Freeborn, O'Dell, Kinne, Tatum, Spillman (stroke) Colson (coxswain), a dead heat for first place.

Juniors. — Luldum (bow), Bentley, Savage, Fuller, Johnston, Jeffers, Moore, Griggs (stroke), Kuhn (coxswain), 3, by 2½ lengths.

Harvard University.

Annual class race rowed May 2, on the Charles River. The course was about 1⅞ miles straightaway, down the river with an ebb tide, eight-oared shells, with coxswains.

Freshmen.— B. H. Dibble (bow), F. R. Swift, B. H. Whitbeck, J. F. Perkins, M. Donald (captain), C. Thompson, C. H. McDuffie, E. A. Boardman (stroke), F. R. Plum (coxswain), 9m. 28s.

Seniors.— J. Fairchild (bow), C. Brewer, K. H. Lewis, L. D. Sheppard, C. S. Derby, Fennessy (captain), F. M. Forbes, A. M. Kales (stroke), Day (coxswain), 2 by 3 lengths.

Sophomores. — A. F. Barnes (bow), A. H. Rice, G. H. Scull, F. L. Ames, S. L. Fuller, C. C. Bull, N. W. Cabot, H. Adams (stroke), A. R. Huidekoper (coxswain), 3, by a length.

Juniors. — H. C. de V. Cornwell (bow), S. W. Sleeper, F. K. Kernan, J. E. Chatman, F. Duffield, E. R. Elder, W. H. Phelps, A. W. Stevens (stroke), W. D. Walker (coxswain), 4 by half a length.

University of Pennsylvania.

The annual class boat race was rowed Nov. 3, 1896, in eight-oared shells, with coxswains, over a seven eighths of a mile straightaway course, on the Schuylkill River, at Philadelphia, Pa. The weather was fine, wind light, and water smooth.

Sophomores. — C. W. Landis (bow), W. R. Brown, A. R. Foster, W. W. Whetstone, S. G. Sinkler, W. P. Preston, J. H. Hall, C. S. Rogers (stroke), W. R. Lee (coxswain), 4m. 50s.

Seniors. — Cornell (bow), Rommel, Long, Essig, Smith, De Gelleke, Willauer, Sinkler (stroke), Adams (coxswain), 4m. 55s.

Juniors. — Swartley (bow), Oglesby, Taylor, Hope, West, Brinton, Willard, Bell (stroke), Wise (coxswain), 4m. 59s.

Freshmen. — Oliver (bow), Grayson, Warwick, Rich, Deakin, Buckwalter, McCook, Hutchinson (stroke), Fleischer (coxswain), 4, by 2 lengths.

The final heat was rowed Nov. 5, in eight-oared shells, with coxswains, over a straightaway seven-eighths of a mile, with a strong current, on the Schuylkill River. The weather was showery, wind light, and water in good condition.

College Sophomores. — Landis (bow), Brown, Foster, Whetstone, Sinkler, Preston, Hall, Rogers (stroke), Lee (coxswain), 4m. 17s.; *Medical.* — Cruikshank (bow), Mitchell, Urquhart, Livezy, Aiken, Bishop, Husband, Burke (stroke), South (coxswain), 2, by a length and a half; *Dental.* — Notag (bow), Parry, Sage, Padley, Owen, Wood, Smith, Watson (stroke), Sears (coxswain), 3, by half a length.

LACROSSE.

The amateur championship was awarded to Lehigh University, the score being as follows: Lehigh University won three games and lost one, Stevens Institute won two games, tied one and lost one; Crescent Athletic Club won two games, tied one and lost one; Johns Hopkins University won one game, tied one and lost two; Harvard University tied one game and lost three.

April 22, on St. George Cricket Club Grounds, Hoboken, N. J. Stevens Institute, 5 goals, College of the City of New York, 0.

April 25, on the St. George Cricket club grounds. Stevens Institute, 6 goals; College of the City of New York, 0.

April 29, at the St. George Cricket Club, Hoboken. Stevens Institute, 9 goals; College of the City of New York, 0.

April 29, on Soldier's Field, Cambridge. Harvard University, 6 goals; Boston Lacrosse team, 1 goal.

May 2, at Baltimore, Md. Harvard University, 2 goals; Johns Hopkins University, 2 goals.

May 4, at South Bethlehem, Pa. Lehigh University, 4 goals; Harvard University, 1 goal.

May 6, at Hoboken, N. J. Stevens Institute, 2 goals; College of the City of New York, 0.

May 9, at Hoboken, N. J. Stevens Institute, 8 goals; Johns Hopkins University, 0.

May 9, Harvard University *vs.* Princeton College, at Cambridge, Mass.

May 9, Stevens Institute *vs.* Johns Hopkins University, at Hoboken, N. J.

May 13, Princeton College *vs.* College of the City of New York, at Princeton, N. J.

May 15, Harvard University *vs.* Stevens Institute, at Hoboken, N. J.

May 16, Lehigh University *vs.* Johns Hopkins University, at Baltimore, Md.

May 21, Harvard University *vs.* Johns Hopkins University, at Baltimore, Md.

May 23, Harvard University *vs.* Cornell University, at Cambridge, Mass.

May 23, Lehigh University *vs.* Stevens Institute, at South Bethlehem, Pa.

FENCING.

Intercollegiate Fencing Association.

Third annual championship meeting held May 2, at the Racquet and Tennis Club, New York City.

First bout. — F. Townsend, Columbia College, beat V. S. Houston, United States Naval Academy.

Second bout. — J. E. Hoffman, Harvard University, beat F. Townsend, C. C.

Third bout. — G. T. Kirby, C. C., beat J. P. Parker, H. U.

Fourth bout. — L. M. Lawson, C. C., beat A. G. Thacher, H. U.

Fifth bout. — J. E. Hoffman, H. U., beat G. T. Kirby, C. C.

Sixth bout. — J. P. Parker, H. U., beat V. S. Houston, U. S. N. A.

Seventh bout. — J. P. Parker, H. U., beat D. M. Wood, U. S. N. A.

Eighth bout. — A. G. Thacher, H. U., beat J. H. Roys, U. S. N. A.

Ninth bout. — J. H. Roys, U. S. N. A., beat L. M. Lawson, Jr., C. C.

Tenth bout. — D. M. Wood, U. S. N. A., beat J. E. Hoffman, H. U.

Eleventh bout. — F. Townsend, C. C., beat D. M. Wood, U. S. N. A.

Twelfth bout. — V. S. Houston, U. S. N. A., beat G. T. Kirby, C. C.

Thirteenth bout. — L. M. Lawson, Jr., C. C., beat J. E. Hoffman, H U.

Fourteenth bout. — J. P. Parker, H. U., beat J. H. Roys, U. S. N. A.

Fifteenth bout. — F. Townsend, C. C. beat A. G. Thacher, H. U.

Sixteenth bout. - D. M. Wood, U. S. N. A., beat G. T. Kirby, C. C.

Seventeenth bout. — L. M. Lawson, Jr., C. C., beat V. S. Houston, U. S. N. A.

Eighteenth bout. — J. E. Hoffman, H. U., beat J. H. Roys, U. S. N. A.

Nineteenth bout. — F. Townsend, C. C., beat J. P. Parker, H. U.

Twentieth bout. — V. S. Houston, U. S. N. A., beat A. G. Thacher, H. U.

Twenty-first bout. — D. M. Wood, U. S. N. A., beat L. M. Lawson, Jr., C. C.

Twenty-second bout. — J. H. Roys, U. S. N. A., beat G. T. Kirby, C. C.

Twenty-third bout. — J. E. Hoffman, H. U., beat V. S. Houston, U. S. N. A.

Twenty-fourth bout. — D. M. Wood, U. S. N. A., beat A. G. Thatcher, H. U.

Twenty-fifth bout. — J. P. Parker, H. U., beat L. M. Lawson, Jr., C. C.

Twenty-sixth bout. — F. Townsend, C. C., beat J. H. Roys, U. S. N. A.

Twenty-seventh bout.—A. G. Thacher, H. U., beat G. T. Kirby, C. C.

The team score was as follows: Harvard University, 10; Columbia College, 9; United States Naval Academy, 8.

The highest possible individual score was 6. Actual scores were, F. Townsend, 5; J. E. Hoffman, 4; J. P. Parker, 4; D. M. Wood, 4; L. M. Lawson, Jr., 3; A. G. Thacher, 2; G. H. Roys, 2; V. S. Houston, 2; G. T. Kirby, 1.

The medal for individual excellence, offered by Mr. R. M. Thompson of the Racquet and Tennis Club, was awarded to Mr. F. Townsend.

INTERCOLLEGIATE CHESS.

Championship Games — New York — Christmas Vacation.

1893.

Columbia	9	Yale	5
Harvard	7½	Princeton	2½

1894.

Columbia	8½	Yale	5
Harvard	7	Princeton	3½

1895.

Harvard	9	Princeton	6
Yale	6	Columbia	3

1896.

	Won.	Lost.		Won.	Lost.
Harvard	8½	3½	Princeton	4	8
Columbia	8	4	Yale	3½	8½

1897.

Harvard	10	2	Columbia	4½	7½
Princeton	5½	6½	Yale	4	8

Individual Scores.

E. E. Southard, H.	6	0	W. M. Murdock, Y.	2½	3½
A. W. Ryder, H.	4	2	W. W. Young, P.	2½	3½
A. M. Price, C.	3½	2½	F. A. Lehlbach, Y.	1½	4½
E. B. Seymour, P.	2	3	G. Parker, C.	1	5

Total Points.

Harvard	42	Yale	23½
Columbia	33	Princeton	21½

WHEELING.

INTER-COLLEGIATE BICYCLE MEET, MAY 27, 1896.

Events. 1st place, 5 pts. 2d place, 2 pts. 3d place, 1 pt.	Columbia.	Yale.	U. of P.	Columbian.	Harvard.	Winners.	Performance.	Inter-collegiate Record.	Year made.
							m. s.	m. s.	
Quarter-mile.....	8	...	...	...	...	Williams, Underhill, Bird.	32⅛	32⅛ J. T. Williams, Columbia.	1896
Half-mile.	6	2	...	...	...	Fearing, Hill, Williams.	19⅜	19⅜ W. H. Fearing, Jr., Columbia.	1896
One-mile.....	6	2	...	...	...	Ruppert, McFarland, Fearing.	2 27⅜	2 27⅜ G. E. Ruppert, Columbia.	1896
One-mile tandem	...	3	5	...	...	Eglin-Williams, McFarland-Hill, French-Butler.	2 21⅜	2 21⅜ A. C. Eglin, J. P. Williams, Penn.	1896
Five-mile.	...	1	...	5	2	Schade, Wood, Hill.	13 4⅝	13 4⅝ F. A. L. Schade, Columbian.	1896
Total.....	20	8	5	5	2				

Columbia, as winner of this meet, got five points; Yale, second, two points; Pennsylvania and Columbian divided a point for third place, on their respective scores in the Inter-collegiate Championships, May 30.

AMATEUR PERFORMANCES.

COMPETITION.

Miles.	Time.	Name.	Place.	Date.
	h. m. s.			
¼ fl. st.	.26⅜	F. Loughead	Springfield	Sept. 12, '95
¼ st. st.	.27¼	—. Howie	Janesville	Oct. 10, '94
½	.43	G Packer, Jr.	Denver	July 13, '95
½	1.01	F. Byrne	San Jose	Sept. 10, '95
¾	1.25	Earl Bovee	Binghamton	Aug. 24, '96
¾	1.35½	W. S. Reynolds	Springfield	Sept. 11, '95
1	2.00⅜	F. F. Desmond	Denver	Aug. 8, '96
2	4.24⅛	H. A. Taylor	Santa Anna	Nov. 28, '95
3	7.00	H. B. Wood	Cleveland	Aug. 28, '96
4	9.23	H. B. Wood	Cleveland	Aug. 28, '96
5	11.41⅛	J. Fred Barry	Utica	June 16, '96
6	14.22	W. C. Emrich	Cleveland	Sept. 7, '96
7	16.44⅜	W. C. Emrich	Cleveland	Sept. 7, '96
8	19.08⅜	W. C. Emrich	Cleveland	Sept. 7, '96
9	21.33⅛	W. C. Emrich	Cleveland	Sept. 7, '96
10	23.55	W. C. Emrich	Cleveland	Sept. 7, '96
15	38.05⅜	L. S. Meintjes	Chicago	Aug. 12, '93
20	51.18⅜	L. S. Meintjes	Chicago	Aug. 12, '93
25	1.04.39⅜	L. S. Meintjes	Chicago	Aug. 12, '93
50	2.11.06½	L. S. Meintjes	Chicago	Aug. 12, '93
100 kil.	2.46.12⅜	L. S. Meintjes	Chicago	Aug. 12, '93

TANDEM AGAINST TIME.

Miles.	Time.	Name.	Place.	Date.
	h. m. s.			
½ f. p.	.25⅘	Haggerty-Williams	Waltham	Nov. 2, '94
½ f. u.	.26½	Devlin-Hanson	Providence	Aug. 1, '96
½ f. p.	.34⅘	Haggerty-Williams	Waltham	Nov. 2, '94
½ f. u.	.37	Eberhardt-Felix	Salina	Nov. 15, '95
½ f. p.	.53⅘	Haggerty-Williams	Waltham	Nov. 2, '94
½ f. u.	.57½	Williams-Williams	Ham'onton	July 6, '96
½ f. s.	1.03¾	Gillespie-Woods	Rockland	Sept. 2, '95
¾ f. p.	1.13¾	Haggerty-Williams	Waltham	Oct. 27, '94
¾ f. u.	1.21½	Pippin-Hughes	Denver	Dec. 21, '95
¾ f. p.	1.25	Haggerty-Williams	Waltham	Oct. 27, '94
1 f. p.	1.52⅘	Haggerty-Williams	Waltham	Oct. 27, '94
1 f. u.	2.03	Brown-Downing	San Jose	Oct. 23, '95
2 f. u.	4.19	Gerwing-Pugh	Denver	Nov. 29, '94
3 f. u.	7.00	Gerwing-Pugh	Denver	Nov. 29, '94
4 f. u.	9.20	Gerwing-Pugh	Denver	Nov. 29, '94
5 f. u.	11.35	Gerwing-Pugh	Denver	Nov. 29, '94

FLYING START, PACED.

¼	.24⅘	Clark Brown	Fort Wayne	July 4, '96
⅓	.34	Geo. W. Card	Denver	June 15, '96
½	.52⅕	W. J. Evans	Coronado	April 23, '96
¾	1.08⅘	Geo. W. Card	Denver	June 15, '96
⅞	1.22⅘	A. B. Hughes	Denver	May 23, '96
1	1.50⅘	A. B. Hughes	Denver	May 23, '96
2	3.56⅘	A. B. Hughes	Denver	May 23, '96
3	6.30⅘	Geo. V. Adams	Jacksonville	July 17, '96
4	8.43⅓	Geo. V. Adams	Jacksonville	July 17, '96
5	10.55⅓	Geo. V. Adams	Jacksonville	July 17, '96
6	13.14⅓	Geo. V. Adams	Jacksonville	July 17, '96
7	15.25⅓	Geo. V. Adams	Jacksonville	July 17, '96
8	17.42	Geo. V. Adams	Jacksonville	July 17, '96
9	19.53	Geo. V. Adams	Jacksonville	July 17, '96
10	22.31⅘	Geo. V. Adams	Jacksonville	July 17, '96

FLYING START, UNPACED.

¼	.23	O. L. Stevens	Independence	Aug. 31, '95
⅓	.34⅕	W. J. Evans	Coronado	April 13, '96
½	.55⅘	W. J. Evans	Coronado	April 13, '96
¾	1.21⅛	H. C. Clark	Denver	Oct. 17, '95
⅞	1.37	F. B. Stowe	Springfield	Oct. 20, '94
1	2.04⅛	A. B. Hughes	Denver	May 27, '96
2	4.30⅘	H. C. Clark	Denver	Oct. 4, '95
3	7.03	O. B. Hachen'r	Denver	Dec. 13, '95
4	9.31⅘	O. B. Hachen'r	Denver	Dec. 13, '95
5	11.56⅘	O. B. Hachen'r	Denver	Dec. 13, '95
10	25.26	A. F. Senn	Utica	Oct. 23, '94
25	1.05.30	A. F. Senn	Utica	Oct. 23, '94
50	2.29.00⅘	W. Becker	Freeport	Oct. 17, '95

Standing Start, Unpaced.

Miles.	Time.	Name.	Place.	Date.
	h. m. s.			
¼	.27⅜	Upson	Sacramento	Oct. 17, '94
⅓	.42	F. L. Eberhardt	Salina	Nov. 15, '95
½	1.01½	P. Metcalf	Chico	Aug. 29, '95
⅝	1.21½	H. C. Clark	Denver	Oct. 17, '95
¾	1.37½	J. D. Park	Denver	Nov. 5, '94
1	2.16⅜	L. A. Callahan	Denver	Aug. 18, '94
2	4.46½	H. C. Clark	Denver	Oct. 4, '95
3	7.15	H. C. Clark	Denver	Nov. 21, '95
4	9.47	H. C. Clark	Denver	Nov. 21, '95
5	12.12	H. C. Clark	Denver	Nov. 21, '95
Standing Start, Paced.				
¼	.29⅛	J. G. Budd	Glens Falls	Aug. 15, '95
⅓	.32	F. L. Eberhardt	Salina	Nov. 15, '95
½	.59	A. W. Porter	Waltham	Oct. 20, '94
⅝	1.18⅜	A. W. Porter	Waltham	Nov. 2, '94
¾	1.28⅜	A. W. Porter	Waltham	Nov. 2, '94
1	1.54⅜	P. J. Becker	Denver	Oct. 19, '95
2	4.07⅝	Nat Butler	Waltham	Nov. 10, '94
3	6.36	J. H. Gardner	Springfield	Sept. 12, '95
4	8.51	J. H. Gardner	Springfield	Sept. 12, '95
5	10.07⅜	C. W. Miller	Louisville	Nov. 7, '95
10	23.04⅜	L. S. Meintjes	Springfield	Sept. 14, '93
25	37.40⅜	L. S. Meintjes	Springfield	Sept. 14, '93
50	2.12.54⅜	A. G. Harding	St. Louis	Oct. 24, '94
100	4.37.56½	A. G. Harding	St. Louis	Oct. 24, '94
200	9.49.40	Louis Gimm	Cleveland	Aug. 14-15, '95
300	14.38.41	Louis Gimm	Cleveland	Aug. 14-15, '95
400	20.17.20	Louis Gimm	Cleveland	Aug. 14-15, '95
425,1715y	24.00.00	Louis Gimm	Cleveland	Aug. 14-15, '95

ACCEPTED ROAD RECORDS.

Five miles, 9.24. T. O. Vaux, Colorado Springs, Col.
Ten miles, 21.25, A. B. McDonnell, Buffalo, N. Y.
Fifteen miles, 34.32, A. B. McDonnell, Buffalo, N. Y.
Twenty miles, 46.01, A. B. McDonnell, Buffalo, N. Y.
Twenty-five miles. 51.55, A. B. McDonnell, Buffalo, N. Y.
Fifty miles, 2.15.00, L. C. Wahl, Colorado Springs, Col.
One hundred miles, 4.40.09, A. B. McDonnell, Buffalo, N. Y.
Two hundred miles, 12.20.00, A. W. W. Evans, New Brunswick, N. J.
Five hundred miles, 56.05.00, A. E. Smith, Chicago, Ill.
One thousand miles, 113.45.00, J. F. Gunther, Chicago, Ill.
Twenty-four hours, 277 miles, A. W. W. Evans, New Brunswick, N. J.
One year, 21,053 miles, A. A. Hansen, Minneapolis, Minn., 1894.
One year, ninety-two centuries, W. A. Rubey, Louisville, Ky., 1895.

The New York State records are:
Five miles, 11.42, Linus Schillinger, Syracuse, N. Y.
Ten miles, 21.25, A. B. McDonnell, Buffalo, N. Y.
Fifteen miles, 34.32, A. B. McDonnell, Buffalo, N. Y.
Twenty miles, 46.01, A. B. McDonnell, Buffalo, N. Y.
Twenty-five miles, 51.55, A. B. McDonnell, Buffalo, N. Y.
Fifty miles, 2.30.40, A. E. Weinig, Buffalo, N. Y.
One hundred miles, 4.40.09, A. B. McDonnell, Buffalo, N. Y.
Two hundred miles, 13.10.40, T. T. Mack, Buffalo, N. Y.
One year, 15,164 miles, C. M. Shadbolt, Brooklyn, N. Y.
One year, sixty-three centuries, J. C. Knowles, Brooklyn, N. Y.

CRICKET.

INTERNATIONAL CRICKET.

The cricket eleven of Haverford College during the summer of 1896, went to England, where it played a series of games with some of the best English school and college elevens.

Although the team has not a long record of victories to its credit, it can show wins over Repton, Charterhouse, and Marylebone, while Shrewsbury, Rugby, Haileybury, and Marlborough were saved from defeat only by the intervention of time. Winchester, Eton, and Clifton had the best of the drawn games played with the Americans, and the only defeats sustained were at the hands of Cheltenham, Uppingham, Harrow, and Malvern, the game with the latter being won by a very small margin, after Haverford had the better in the first inning.

The individual work of J. A. Lester was the feature of the tour. In his eighteen innings he scored 1,049 runs, which gives to him the unusual average of 74.92 for completed innings, he having been four times not out. He scored double figures every time he was at the bat, and, with one exception, made over 25 for every completed inning. His best score was 135, not out, against Rugby, while he also topped the century against Marylebone and made over 90 against Shrewsbury, Marlborough, and Repton, and over 50 against Cheltenham, Uppingham, Charterhouse, Eton, Clifton, and Malvern. Lester's bowling also proved to be very effective at times, although in this weakness was shown by the team.

The batting of D. H. Adams was surpassed only by that of his Captain, while his bowling was more effective than that of any other on the team. The game against Haileybury gave him 123. He also played an excellent inning of sixty-one against Eton and made seventy-eight against Marlborough. He started the tour with ten consecutive double figure innings, and his average would have been much higher only for his inning against Repton and Harrow, when his three attempts at the bat yielded only one, four, and five. His average of 28.83 for eighteen completed innings is a splendid showing, however, and is far in advance of the next man.

J. H. Scattergood did fine work behind the wickets. Not one of the English stumpers surpassed him in this. His batting average was third in the list, and at times he played very successfully. He made fifty-one runs against Repton, forty-four, not out, against Rugby, and thirty-four, not out, against M. C. C. His average was 17.23 for thirteen innings.

A. B. Mifflin played an excellent inning of eighty-six against Haileybury, and contributed forty-seven against Malvern. He made more runs in these two matches than in all the others put together. His average for sixteen innings is 14.50.

C. R. Hinchman and C. H. Howson at times batted well, and then again proved to be unreliable. Their aggregate of runs showed a difference of two in favor of Howson, who, however, batted in one more inning, while Hinchman was twice not out. He had an average of 13.06 against Howson's 11.05.

T. Wistar, who at times showed good form, came eighth in the batting list, with an average just under double figures. He played a good inning of thirty-two against Marylebone, and was also fairly successful against Shrewsbury, Cheltenham, Repton, and Malvern.

By virtue of being three times not out in seven innings, A. F. Coca had an average among the leaders. He exhibited good batting against Winchester and Marlborough.

Of the sixteen men in Haverford's party fifteen batted. S. Rhoads played in only one match, while H. H. Lowry scored.

The following batting averages have been compiled from the scores which were cabled, and include all the public school games: —

	Innings.	*Not out.*	*Most in Innings.*	*Runs.*	*Aver.*
J. A. Lester	18	4	*135	1,049	74.92
D. H. Adams	18	0	123	519	28.83
J. H. Scattergood	15	2	51	224	17.23
A. B. Mifflin	16	0	86	232	14.50
A. F. Coca	7	3	*18	57	14.25
C. R. Hinchman	17	2	46	196	13.06

* Not out.

	Innings.	Not out.	Most in. Innings.	Runs.	Aver.
C. H. Howson	18	0	42	198	11.00
T. Wistar	17	2	32	141	9.40
S. Rhoads	1	0	9	9	9.00
A. Haines	11	3	13	48	6.00
C. G. Tatnall	7	0	17	39	5.57
L. H. Wood	9	1	26	38	4.75
A. M. Collins	5	0	12	20	4.00
A. G. Scattergood	11	5	10	19	3.16
A. C. Thomas	7	0	12	21	3.00

The Oxford-Cambridge Cricket Match.

The following is the full score of the Oxford-Cambridge cricket match of 1896 which was won by Oxford after an almost desperate up-hill fight: —

Cambridge.

First Innings.		*Second Innings.*	
Mr. C. J. Burnup, c. Mordaunt, b. Hartley	30	c. and b. Hartley	11
Mr. W. G Grace, Jr., b. Hartley	0	b. Cunliffe	0
Mr. H. H. Marriott, c. Warner, a. Hartley	16	b. Cunliffe	1
Mr. N. F. Druce, c. Smith, b. Cunliffe	14	c. Pilkington, b. Waddy	72
M. C. E. M. Wilson, c. Cunliffe, b. Hartley	80	c. Lewis, b. Hartley	2
Mr. W. McG. Hemmingway, c. and b. Hartley	26	b. Cunliffe	12
Mr. F. Mitchell, c. L.-Gower, b. Hartley	26	b. Cunliffe	4
Mr. G. L. Jessop, c. Mordaunt, b. Hartley	0	st. Lewis, b. Hartley	19
Mr. E. H. Bray, c. Pilkington, b. Cunliffe	49	c. Lewis, b. Waddy	41
Mr. P. W. Cobbold, b. Hartley	10	not out	23
Mr. E. B. Shine, not out	10	c. Hartley, b. Waddy	16
Byes 4, l. b. 1, w. 2, n. b. 1	8	B. 5, w. 1, n. b. 5	11
Total	319	Total	212

Oxford.

First Innings.		*Second Innings.*	
Mr. P. F. Warner, run out	10	run out	17
Mr. G. J. Mordaunt, b. Jessop	26	b. Jessop	9
M. H. K. Foster, b. Wilson	11	c. and b. Cobbold	54
Mr. G. O. Smith, c. Bray, b. Wilson	37	c. ——, b. Cobbold	132
Mr. C. C. Pilkington, b. Jessop	4	c. and b. Jessop	44
M. H. D. G. Leveson-Gower, b. Jessop	26	c. Bray, b. Shine	41
Mr. G. R. Bardswell, c. and b. Cobbold	9	not out	35
Mr. P. S. Waddy, st. Bray, b. Cobbold	0	not out	1
Mr. J. C. Hartley, c. Marriott, b. Wilson	43		
Mr. F. H. E. Cunliffe, b. Shine	12		
Mr. R. P. Lewis, not out	0		
Byes 12, l. b. 4, n. b. 3	24	Byes 6, l. b. 6, w. 6, n. b. 1	19
Total	202	Total	352

Tour of the Cambridge-Oxford Team.

A team of English cricketers, comprising nine men from Cambridge University, four from Oxford University, and F. W. Milligan, of Yorkshire, during the summer of 1895 made a short tour under the captaincy of Frank Mitchell, of Cambridge. The team suffered from climatic changes and did not secure a very good record, two defeats being sustained in Philadelphia against a victory in New York, one in Philadelphia, and a draw in Canada. The record was: —

September 2, 3, and 4. — At Staten Island. All New York, 112 and 267; Cambridge and Oxford, 323 and 58 for three wickets. Cambridge won by eight wickets (12 a side).

September 6 and 7. — At Toronto. Canada, 137 and 88; Cambridge and Oxford, 189 and 15 for one wicket. Drawn.

September 13, 14, and 16. — At Philadelphia. Cambridge and Oxford, 284 and 61; University of Pennsylvania, 138 and 307. Cambridge and Oxford lost by 100 runs.

September 20, 21, and 23. — At Philadelphia. Gentlemen of Philadelphia, 234 and 138; Cambridge and Oxford, 156 and 220 for eight wickets. Cambridge and Oxford won by two wickets.

September 27, 28, and 30. — At Philadelphia. Cambridge and Oxford, 198 and 167; Gentlemen of Philadelphia, 404. Cambridge and Oxford lost by an inning and 39 runs.

The following are the averages of the team: —

BATTING.

Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.
N. F. Druce	7	0	121	319	45.57
F. A. Phillipps	9	1	88	215	26.87
V. T. Hill	10	1	46	210	23.33
C. D. Robinson	8	0	47	165	20.62
W. McG. Hemmingway	6	0	36	121	20.16
H. A. Arkwright	8	2	35	96	16.00
C. E. M. Wilson	8	2	31	96	16.00
R. A. Studd	5	1	31	58	14.50
F. Mitchell	10	0	58	134	13.40
F. W. Milligan	8	0	43	102	12.75
J. C. Hartley	7	4	*12	15	5.00
W. W. Lowe	8	2	8	27	4.50
W. Mortimer	2	0	3	3	1.50
H. H. Marriott	1	0	0	0	0.00

* Not out.

BOWLING.

Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.
F. Mitchell	25	2	10	1	10.00
V. T. Hill	100	3	67	4	16.75
C. E. M. Wilson	295	18	137	8	17.12
W. W. Lowe	508	33	264	15	17.60
J. C. Hartley	1,189	44	576	31	18.58
F. W. Milligan	900	60	378	20	18.90
H. A. Arkwright	495	22	215	9	23.88

Wides bowled. — Arkwright, 1; Milligan, 7; Hill, 2; Lowe, 1; Mitchell, 4. No-balls bowled. — Arkwright, 7; Hartley, 3; Wilson, 1.

LAWN TENNIS.

Intercollegiate Tennis Tournament.

The Intercollegiate Tennis Cup was won by Harvard in October '96, at Newport, after a contest of eight years. Under the conditions the college which first won seven first prizes in the competition was to secure possession of the trophy; in case of a tie second prizes to count. When the last tournament began Yale and Harvard had each won five times in singles and doubles, and it was necessary that either college should win both the singles and doubles in order to secure perpetual possession of the cup. The consolation cup was won by Williams College. The successive winners have been: —

Singles.

1889. — R. P. Huntington, Jr., Yale.
1890. — Frederick H. Hovey, Harvard.
1891. — Frederick H. Hovey, Harvard.
1892. — William A. Larned, Cornell.
1893. — Malcolm G. Chace, Brown.
1894. — Malcolm G. Chace, Yale.
1895. — Malcolm G. Chace, Yale.
1896. — Malcolm D. Whitman, Harvard.

Doubles.

1889. — O. S. Campbell and A. E. Wright, Columbia.
1890. — Q. A. Shaw and S. T. Chase, Harvard.
1891. — F. H. Hovey and R. D. Wrenn, Harvard.
1892. — R. D. Wrenn and F. D. Winslow, Harvard.
1893. — M. G. Chace and C. R. Budlong, Brown.
1894. — M. G. Chace and A. E. Foote, Yale.
1895. — M. G. Chace and A. E. Foote.
1896. — L. E. Ware and W. M. Scudder, Harvard.

Malcolm D. Whitman, of Harvard, defeated Driscoll, of Georgetown, in the singles in three straight sets. In the semi-finals of the doubles Ware and Scudder, of Harvard, defeated Budlong and Barrows, of Brown, 6–0 and 6–3, and M. D. Whitman and J. D. Forbes, of Harvard, defeated Neely and Heitcamp, of Cornell, 7–5 and 6–4. In the finals Ware and Scudder defeated Whitman and Forbes. The scores were: —

Singles.

Preliminary Round: J. T. Hackett (Yale) beat T. Evans (Princeton), 6–2, 6–2; C. S. Rogers (University of Pennsylvania) beat T. P. Goodbody (Williams), 8–6, 3–6, 6–4; L. E. Ware (Harvard) beat G. E. Andrews (Wesleyan), 6–2, 6–2; J. A. Sankey (Princeton) beat C. H. Davis (Wesleyan), by default; C. P. Dodge (Yale) beat L. Perry (Williams), 10–8, 6–4; H. J. Foster (Harvard) beat R. N. Willson, Jr. (Univ. of Penn.), 6–3, 8–6.

First Round: F. W. Heitkamp (Cornell) beat G. W. Macmullen (Columbia), by default; T. A. Driscoll (Georgetown Univ.) beat C. R. Budlong (Brown), 6–4, 6–3; Hackett beat Rogers, 7–5, 6–4; Ware beat Sankey, 6–0, 6–2; Dodge beat Foster, 1–6, 6–2, 8–6; S. G. Thompson (Princeton) beat W. O. Gennert (Columbia), by default; R. Hooker (Yale) beat A. A. Barrows (Brown), 4–6, 6–3, 6–3; M. D. Whitman (Harvard) beat J. C. Neely (Cornell) 6–0, 6–3.

Second Round: Driscoll beat Heitkamp, 6–4, 6–2; Ware beat Hackett, 6–0, 6–3; Dodge beat Thompson, 1–6, 6–3, 7–5; Whitman beat Hooker, 6–2, 6–2.

Semi-Final Round: Driscoll beat Ware, 7–5, 9–7; Whitman beat Dodge, 6–3, 6–2.

Final Round: Whitman beat Driscoll, 6–2, 6–4, 6–2.

Doubles.

Preliminary Round: Budlong and Barrows (Brown) beat Thompson and Sankey (Princeton), 6–2, 6–2; Ware and Scudder (Harvard) beat Goodbody and Perry (Williams), 6–4, 6–3; Dodge and Hackett (Yale) beat Evans and Masson (Princeton), 6–0, 6–4.

First Round: Hooker and Noyes (Yale) beat Willson and Rogers (U. of P.), 6–0, 1–6, 6–4; Ware and Scudder beat Budlong and Barrows, 6–0, 6–3; Neely and Heitkamp (Cornell) beat Dodge and Hackett (Yale), 3–6, 7–5, 7–5; Whitman and Forbes (Harvard) beat MacMullen and Gennert (Columbia), by default.

Semi-Final Round: Ware and Scudder beat Hooker and Noyes, 6–4, 6–1; Whitman and Forbes beat Neely and Heitkamp, 7–5, 6–4.

Final: Ware and Scudder beat Whitman and Forbes, 3–6, 6–3, 6–8, 9–7, 6–1.

For Second Place.

Singles (4 entries).

Final Round: J. C. Neely (Cornell) beat R. Hooker (Yale), 6–4, 7–5.

Doubles (4 pairs).

Final Round: Hooker and Noyes (Yale) beat Whitman and Forbes (Harvard), 2–6, 4–1, default.

Consolation (11 entries).

Final Round: T. P. Goodbody (Williams) beat J. C. Neely (Cornell), 6–3, 3–6, 6–4.

UNITED STATES NATIONAL LAWN TENNIS ASSOCIATION CHAMPIONSHIP AT NEWPORT, AUGUST, 1896.

SUMMARY OF SCORES.

NATIONAL CHAMPIONSHIP DOUBLES. S. R. and C. B. Neel beat R. D. Wrenn and Malcolm Chace, 6-3, 1-6, 6-1, 3-6, 6-1.

ALL-COMERS' SINGLES. *Preliminary Round:* C. R. Budlong beat A. W. Post, 7-5, 6-4, 6-2; R. Stevens beat W. C. Grant, 6-2, 6-3, 6-3; G. H. Miles beat R. H. Palmer, 8-6, 6-1, 6-1; C. M. Pope beat H. D. Cleveland, 9-7, 7-5, 6-2; A. Hawes beat J. McL. Walton, 6-1, 4-6, 6-3, 6-2; G. L. Wrenn beat L. H. Turner, 6-1, 6-1, 6-2; C. A. Gould beat H. E. Avery, 2-6, 6-2, 7-5, 6-3; E. Wrenn beat W. J. Clothier, 6-1, 6-2, 6-0; D. Davis beat J. C. Davidson, 6-4, 6-3, 6-2; E. Stille beat S. Ward, 9-7, 6-2, 4-6, 6-2; W. A. Larned beat Deane Miller, 6-4, 6-3, 6-3; G. W. Lee beat W. A. Bethel, 3-6, 6-4, 6-4, 6-8, 6-3; J. K. Willing beat E. A. Thomson, by default; M. D. Whitman beat J. F. Talmage, Jr., 6-1, 6-4, 6-3; C. Cleveland, Jr., beat A. von W. Leslie, 6-4, 8-6, 6-0: H. Ward beat L. J. Grant, 6-1, 6-3, 6-2; R.P. Davis beat W. W. Reese, 6-3, 6-1, 6-3; G. P. Sheldon, Jr., beat K. Horton, 7-5, 6-3, 8-6; J. C. Neely beat R. T. Parke, 4-6, 6-1, 6-2, 9-7: L. E. Ware beat R. Fincke, 6-1, 8-6, 6-2; R. D. Wrenn beat N. P. Hallowell, 7-9, 3-6, 6-1, 6-1, 6-3; J. P. Paret beat C. X. Cordier, Jr., by default.

First Round: C. B. Neel beat J. R. Carpenter, 6-1, 6-2, 6-2; C. Cragin beat E. Lyman, 3-6, 7-5, 6-3, 5-7, 6-3; C. R. Budlong beat F. B. Stevens, Jr., 6-2, 6-1, 6-1; R. Stevens beat G. H. Miles, 6-4, 6-1, 6-4; J. P. Paret beat C. M. Pope, 6-3, 6-2, 6-3; G. L. Wrenn beat A. Hawes, 6-4, 7-9, 6-4, 6-1; E. Wrenn beat C. A. Gould, 6-0, 6-1, 6-0; R. D. Wrenn beat D. Davis, 6-1, 6-8, 9-7, 6-2; W. A. Larned beat E. Stille, 6-3, 6-4, 6-0; G. W. Lee beat J. K. Willing, 6-3, 8-6, 6-2; M. D. Whitman beat C. Cleveland, Jr., 6-0, 6-2, 6-0; H. Ward beat R. P. Davis, 2-6, 8-6, 4-6, 6-4, 6-2; G. P. Sheldon, Jr., beat J. C. Neely, 4-6, 6-2, 6-4, 6-2; L. E. Ware beat Y. M. Edwards, 6-2, 6-0, 6-3; R. H. Carleton beat W. D. Brownell, by default; E. P. Fischer beat W. Jordan, 6-1, 6-3, 6-2.

Second Round: C. B. Neel beat C. Cragin, 6-4, 6-2, 6-4; R. Stevens beat C. R. Budlong, 6-4, 6-0, 6-4, 6-4; G. L. Wrenn beat J. P. Paret, 6-1, 6-0, 6-3; R. D. Wrenn beat E. Wrenn, 6-4, 6-4, 12-10; W. A. Larned beat G. W. Lee, 6-4, 6-2, 6-4; M. D. Whitman beat H. Ward, 6-3, 6-2, 6-0; G. P. Sheldon, Jr., beat L. E. Ware, 6-1, 6-8, 6-4, 3-6, 8-6; E. P. Fischer beat R. H. Carleton, 6-3, 3-6, 6-1, 6-0.

Third Round: C. B. Neel beat Richard Stevens, 6-4, 6-0, 7-9, 9-7; R. D. Wrenn beat G. L. Wrenn, 2-6, 9-7, 7-5, 9-7; W. A. Larned beat M. D. Whitman, 6-4, 6-1, 6-2; E. P. Fischer beat G. I. Sheldon, Jr., 6-4, 7-5, 2-6, 8-6.

Semi-Final Round: R. D. Wrenn beat C. B. Neel, 2-6, 14-12, 4-6, 6-4, 6-1; W. A. Larned beat E. P. Fischer, 6-1, 6-2, 6-1.

Final Round: R. D. Wrenn beat W. A. Larned, 4-6, 3-6, 6-4, 6-4, 6-3.

Championship Round: R. D. Wrenn (challenger) beat F. H. Hovey (holder), 7-5, 3-6, 6-0, 1-6, 6-1.

CONSOLATIONS. *Preliminary Round:* J. R. Carpenter beat W. J. Clothier, 6-2, 6-0; R. T. Parke beat W. A. Bethel, 6-3, 1-6, 6-2; N. P. Hallowell beat H. D. Cleveland, 6-4, 6-0; J. K. Willing beat W. Jordan, 6-4, 7-5; Rex Fincke beat A. von W. Leslie, 6-0, 6-2; J. F. Talmage, Jr., beat J. C. Davidson, 6-4, 6-2; L. H. Turner beat A. W. Post, by default; J. McL. Walton beat J. B. Stevens, by default; E. Lyman beat W. W. Reese, by default; Y. M. Edwards beat S. Ward, by default; W. C. Grant beat Deane Miller, by default.

First Round: H. E. Avery beat R. H. Palmer, 8-6, 6-0; J. F. Talmage, Jr., beat J. R. Carpenter, 3-6, 6-3, 6-2; J. McL. Walton beat N. P. Hallowell, 6-1, 6-1; Rex Fincke beat K. Horton, 6-3, 4-6, 9-7; R. H. Carleton beat L. J. Grant, 6-2, 6-3; R. T. Parke beat L. H. Turner, 6-3, 6-3; Y. M. Edwards beat E. Lyman, by default; J. K. Willing beat W. C. Grant, 6-1, 6-0.

Second Round: J. F. Talmage, Jr., beat H. E. Avery, 5-7, 6-6, 8-6; R. T. Parke beat J. McL. Walton, by default; J. K. Willing beat Y. M. Edwards, 6-2, 6-1; R. H. Carleton beat R. Fincke, 6-1, 6-2.

Semi-Final Round: J. F. Talmage, Jr., beat R. T. Parke, 3-6, 6-4, 6-2; J. K. Willing beat R. H. Carleton, 6-0, 6-4.

Final Round: J. F. Talmage, Jr., beat J. K. Willing, 6-2, 6-1.

NATIONAL INTERSCHOLASTIC SINGLES.

Preliminary Round: Rex Fincke, Yale Interscholastic, beat L. H. Turner, University of Chicago Interscholastic, 6–4, 6–3, 6–8, 6–3; J. McL. Walton, Columbia Interscholastic, beat C. M. Beggs, Jr., Princeton Interscholastic, by default.

First Round: Y. M. Edwards, Harvard Interscholastic, beat J. McL. Walton, Columbia Interscholastic, 6–1, 6– 6–3; Rex Fincke, Yale Interscholasti beat J. K. Willing, University Pennsylvania Interscholastic, 6–2, 6– 5–7, 6–4.

Final Round: R. Fincke, Yale Inte scholastic, beat Y. M. Edwards, Ha vard Interscholastic, 6–2, 6–4, 2–6, 6–

GOLF.

The golf season of 1896 was characterized by a degree of enthusiasm never bef experienced in the United States, and the number of players was largely increas The amateur and open championship events were held on the links of the Shinnec Hills Golf Club, near Southampton, L. I., July 14–18. The opening medal play rou thirty-six holes, was finished by seventy-four players. The best sixteen scores or thirty-six holes were as follows:

Name.	First Round.	Second Round.	Tota
H. I. Whigham, Onwentsia G. C. Chicago	86	77	163
A. M. Coats, Newport G. C	85	83	168
H. P. Toler, Baltusrol G. C	85	85	170
J. A. Tyng, Morristown G. C	84	86	170
L. Waterbury, Newport G. C	87	86	173
J. G. Thorp, Cambridge, G. C	84	90	174
A. L. Livermore, St. Andrews G. C	91	83	174
H. G. Trevor, Shinnecock Hills G. C	83	92	175
H. R. Sweny, St. Andrews G. C	91	85	176
Bayard Cutting, Jr., Westbrook G. C	89	89	178
A. H. Fenn, Palmetto G. C	90	88	178
W. H. Sands, St. Andrews G. C	90	88	178
C. B. Macdonald, Chicago G. C	89	89	178
E. C. Rushmore, Tuxedo G. C	85	94	179
J. R. Chadwick, Richmond Co. Country Club, S. I.	92	87	179
L. P. Bayard, Jr., Baltusrol G. C	91	89	180

Four men tied for the last place, the other three who lost in the play-off being: L. B. Stoddart, St. Andrews; Richard Peters, Newport, and T. B. Gannett, Essex Country Club, Manchester, Mass.

The championship was then played off by match play, the $1,000 silver cup going to H. I. Whigham, of the Onwentsia Golf Club, Chicago. The three other medal men, in their order, were: J. G. Thorp, Cambridge; A. M. Coats, Newport; H. P. Toler, Baltusrol, Short Hills, N. J.

The open championship was won by James Foulis, professional, of the Chicago Golf Club, score, 78, 74 — 152; second, Horace Rawlins, Utica Golf Club, 79, 76 — 155; third, Joseph Lloyd, Essex Country Club, Mass., 76, 81 — 157; fourth, George Douglas, Brookline Country Club, 79, 79 — 158; fifth, John Shippen, Shinnecock Hills Club, 78, 81 — 159.

The champions for 1895 were: Amateur, Charles B. Macdonald; open, Horace Rawlins.

The ladies' championship, held on the links of the Morris County Golf Club at Morristown, N. J., October 6-9, was the first regular ladies' championship event, and the $1,000 cup given by Hon. Robert Cox, of Edinburgh, Scotland, was played for the first time. Twenty-four competitors finished the opening round of eighteen holes, medal play, and the championship was won by the youngest contestant, Beatrix Hoyt, of the Shinnecock Hills Golf Club; second, Mrs. Arthur Turnure, Shinnecock; third, Anna Sands, Newport Golf Club; fourth, Cora Oliver, Albany Country Club.

YALE *vs.* ST. ANDREWS.

The first team match between representatives of a college golf club and a team of one of the best clubs in the vicinity of New York City, was played Oct. 24, 1896, on the links of the St. Andrews Golf Club, near Yonkers, N. Y. A team of ten, representing the Yale University Golf Club, tried conclusions with a team representing the home club. The visiting team included F. C. and H. O. Havemeyer, two of the best golfers at Newport last Summer; R. Terry, Jr., Craig Colgate and J. Reid, Jr., all of whom are experienced golfers. The visitors won by a score of 26 to 12. The summary:

YALE.

R. Terry, Jr.	6
F. C. Havemeyer	4
Craig Colgate	5
H. O. Havemeyer	0
J. Reid, Jr.	1
W. B. Smith, Jr.	5
S. A. Smith	1
H. Wilson	0
T. Kneeland	0
J. Lineweave	4
Total	26

ST. ANDREWS.

B. S. de Garmendia	0
James Brown	0
J. B. Upham	0
J. M. Knapp	2
W. T. Gray	0
W. E. Hodgman	0
R. R. Cuthbert	0
M. E. McEwen	4
W. R. Innis	6
John Reid, Sr.	0
Total	12

As an outcome of another match between Yale and Columbia, at the Ardsley Casino, in November, an Intercollegiate Golf Association was formed early in 1897, with Harvard, Yale, Columbia, Princeton, and University of Pennsylvania as its prime movers.

BASEBALL.

The Intercollegiate League has varied in membership almost every year since its organization. The record since 1880 shows the following winners: —

1880. Princeton.	1886. Yale.	1892. Yale and Harvard a tie.
1881. Yale.	1887. Yale.	1893. Harvard.
1882. Yale.	1888. Yale.	1894. Yale.
1883. Yale.	1889. Yale.	1895. Yale.
1884. Yale.	1890. Yale.	1896. Princeton.
1885. Harvard.	1891. Princeton.	

Harvard and Princeton did not play in 1890, and in 1891 neither Yale nor Princeton played against Harvard, Yale refusing because of Harvard's attitude towards Princeton. In December, 1891, Harvard and Princeton agreed to resume baseball contests.

Yale and Harvard each won a majority of games from Princeton in 1892, and broke even in their own series. Harvard's challenge for a deciding game was declined on diplomatic grounds. In the 1893 series Yale and Harvard again tied each other, and the deciding game was played at the Polo Grounds, New York City, the crimson winning.

In 1894 Yale and Princeton played for the championship at Eastern Park, Brooklyn, Yale winning.

In 1895 Yale and Princeton played for the intercollegiate championship at Princeton, Yale winning.

In 1896 Princeton and Yale played for the championship at New Haven, Princeton winning.

YALE-HARVARD SERIES. 1895.

At Cambridge, June 20. Yale, 7; Harvard, 4.
At New Haven, June 25. Yale, 5; Harvard, 0.

YALE-PRINCETON SERIES. 1896.

At Princeton, May 16. Princeton, 13; Yale, 0.
At New Haven, May 23. Yale, 7; Princeton, 5.
At Princeton, June 6. Princeton, 5; Yale, 0.
At New York, June 13. Yale, 8; Princeton, 4.
At New Haven, June 23. Princeton, 4; Yale, 3.

HARVARD-PRINCETON SERIES.

At Princeton, May 10. Princeton, 17; Harvard, 9.
At Princeton, June 10. Harvard, 8; Princeton, 5.
At Cambridge, June 18. Princeton, 4; Harvard, 2.

1896.

CALENDAR OF GAMES.

(This record is procured from newspaper reports, and is accordingly incomplete.)

April 1. Princeton, 23; Hobart, 4. Princeton.
2. University of Virginia, 25; Lehigh, 3. Charlottesville.
3. Princeton, 5; University of Virginia, 4. Charlottesville.
Lafayette, 18; Columbian, 13. Washington.
Georgetown, 6; Dickinson, 4. Washington.
Pennsylvania, 18; Hobart, 16. Philadelphia.
Yale, 11; University of Virginia, 4. Charlottesville.
6. Princeton, 10; North Carolina, 8. Charlotte, N. C.
Yale, 8; University of Virginia, 7. Lynchburg.
Princeton, 11; Georgetown, 10. Georgetown.
8. Yale; Georgetown. Old Point Comfort.
Virginia, 18; Johns Hopkins, 5. Charlottesville.
9. Fordham, 4; New York University, 0. Fordham.
11. Yale, 11; Wesleyan, 7. New Haven.
Lafayette, 9; Rutgers, 8. Easton.
13. Hobart, 7; Virginia, 4. Charlottesville.
14. Hobart, 3; Virginia, 2. Charlottesville.
15. Princeton, 8; Lafayette, 1. Princeton.
Pennsylvania, 17; Washington and Jefferson, 3. Philadelphia.
Lehigh, 20; Rutgers, 8. South Bethlehem.
Georgetown, 13; Hobart, 1. Washington.
16. Harvard, 18; Tufts, 6. Cambridge.
17. Cornell, 15; Rochester, 8. Ithaca.
Wesleyan, 3; Williams, 2. Middletown.
18. Williams, 5; Yale, 4. New Haven.
Princeton, 18; Pennsylvania State College, 5. Princeton.
Pennsylvania, 19; Lehigh, 1. Philadelphia.
Cornell, 19; Rochester, 1. Ithaca.
Wesleyan, 11; Tufts, 4. Middletown.
Lafayette, 2; West Point, 1. West Point.
Georgetown; Washington and Jefferson. Washington, D. C.
20. University of Pennsylvania, 17; State College, 6. Philadelphia.
Trinity, 14; New York University, 13. Berkeley Oval.
Brown, 7; Holy Cross, 6. Worcester.
Atlanta, 14; Columbus, 5. Atlanta, Ga.
21. Cornell, 7; Hobart, 2. Ithaca.
Rutgers, 17; Trinity, 7. New Brunswick.
Pennsylvania State College, 10; Fordham, 7. Fordham.
22. Wesleyan, 10; Amherst, 9. Middletown.
University of Pennsylvania, 10; Trinity, 5. Philadelphia.
Syracuse, 20; Cornell, 5. Ithaca.

Lafayette, 27; Lehigh, 6. Easton.
Princeton, 25; Dickinson, 0. Princeton.
Georgetown, 19; Richmond, 13. Washington.
Yale; Holy Cross. Springfield.
23. Lafayette, 10; Fordham, 5. Fordham.
Pennsylvania State College; Westminster. State College.
Virginia, 6; Trinity, 4. Charlottesville.
24. Georgetown; Trinity. Washington.
25. Harvard, 4; Dartmouth, 2. Hanover.
Trinity, 10; Lehigh, 9. Bethlehem.
Georgetown, 19; University of Pennsylvania, 7. Washington.
Brown, 9; Yale, 6. New Haven.
Cornell; Union. Ithaca.
Holy Cross, 8; Williams, 4. Worcester.
Wesleyan, 4; Worcester, 2. Middletown.
27. Brown, 15; University of Pennsylvania, 6. Philadelphia.
Fordham, 9; Trinity, 7. Fordham.
28. Yale, 13; Amherst, 0. New Haven.
Yale Freshmen, 17; Amherst Freshmen, 1. Amherst.
Dartmouth, 13; Harvard, 4. Cambridge.
Holy Cross, 5; Boston University, 0. Worcester.
Pennsylvania State College; Westminster.
29. Dartmouth, 7; Harvard, 6. Cambridge.
University of Pennsylvania, 11; Lafayette, 7. Philadelphia.
Princeton, 19; Lehigh, 1. Princeton.
Amherst, 5; Wesleyan, 2. Amherst.
Vermont, 12; Union, 5. Schenectady.
Colgate, 15; Syracuse, 7. Hamilton.
Virginia, 18; St. John's, 12. Charlottesville.
30. Vermont, 8; Cornell, 7. Ithaca.
Brown, 6; Dartmouth, 0. Providence.
St. Francis Xavier, 29; Brooklyn Institute, 11. Brooklyn.
May 1. Wesleyan, 14; Dartmouth, 1. Middletown.
Hobart, 6; Vermont, 3. Geneva.
2. Brown, 6; Yale, 1. Providence.
Holy Cross, 9; Amherst, 5. Amherst.
Dartmouth, 14; Trinity, 6. Hartford.
Vermont, 9; West Point, 8. West Point.
Williams, 2; Harvard, 1. Williamstown.
Cornell, 12; Princeton, 10. Ithaca.
University of Pennsylvania, 13; Georgetown, 12. Philadelphia.
4. New York University, 14; St. Francis Xavier, 11. New York.
5. Brown, 9; Harvard, 7. Cambridge.
Dartmouth, 9; Bowdoin, 5. Hanover.
6. Princeton, 13; Manhattan, 5. New York.
Bowdoin, 9; Dartmouth, 8. Hanover.
Lehigh, 14; New York, 3. Bethlehem.
Amherst, 3; Williams, 2. Amherst.
Yale, 11; Lafayette, 3. New Haven.
Brown, 16; Wesleyan, 13. Providence.
8. Holy Cross, 14; Tufts, 2. Worcester.
Vermont, 5; Dartmouth, 4. Burlington.
10. Princeton, 17; Harvard, 9. Princeton.
Georgetown, 6; Fordham, 4. New York.
University of Pennsylvania, 11; Cornell, 6. Philadelphia.
Lafayette, 21; Lehigh, 6. Rittersville.
Holy Cross, 10; Wesleyan, 2. Middletown.
Manhattan, 19; Rutgers, 7. Jasper Field.
Yale Freshmen, 22; Princeton Freshmen, 8. New Haven.
Niagara, 17; Rochester, 2. Niagara Falls.
Brown, 11; Tufts, 0. Providence.
Dartmouth, 4; Vermont, 3. Burlington.
11. Virginia, 6; Cornell, 5. Charlottesville.
Yale, 8; Wesleyan, 4. Middletown.
Harvard, 8; Amherst, 3. Cambridge.
12. Georgetown, 12; Cornell, 1. Washington.

Mercersburg; Ursinus. Mercersburg.
Dartmouth, 12; Tufts, 11. Hanover.
May 13. University of Pennsylvania, 13; Lehigh, 8. Bethlehem.
Harvard, 10; Williams, 9. Cambridge.
Princeton, 9; Lafayette, 8. Easton.
Brown, 5; Wesleyan, 3. Middletown.
14. Holy Cross, 20; Trinity, 4. Worcester.
15. Georgetown, 31; Virginia, 11. Washington.
Dartmouth, 7; Amherst, 2. Hanover.
Vermont, 5; Tufts, 3. Burlington.
16. Princeton, 13; Yale, 0. Princeton.
Virginia; Georgetown. Washington.
Holy Cross, 12; Williams, 1. Williamstown.
Harvard, 15; Cornell, 6. Ithaca.
Vermont, 9; Tufts, 6. Burlington.
Stevens Freshmen, 13; Columbia Freshmen, 7. New York.
Lehigh, 24; Naval Cadets, 12. Annapolis.
Catholic University, 16; Rockhill, 0. Washington.
18. Hobart, 7; Wisconsin, 2. Geneva.
19. Cornell, 8; Wisconsin, 7. Ithaca.
Holy Cross, 4; Brown, 1. Providence.
Lehigh, 10; Virginia, 6. Bethlehem.
20. Harvard, 6; Brown, 1. Providence.
Virginia, 10; Princeton, 6. Princeton.
Hobart, 4; St. John's, 0.
Wesleyan, 22; Trinity, 3. Middletown.
Amherst, 2; Tufts, 1. Amherst.
Dartmouth, 15; Vermont, 7. Hanover.
22. Holy Cross, 23; Wesleyan, 4. Worcester.
Williams, 15; Dartmouth, 7. Williamstown.
Chicago, 3; Cornell, 2. Ithaca.
23. Yale, 7; Princeton, 5. New Haven.
Harvard, 8; University of Pennsylvania, 2. Philadelphia.
Harvard, '99, 7; University of Pennsylvania, '99, 5. Cambridge.
Niagara, 26; Canisius, 5. Niagara Falls.
Brown, 5; Holy Cross, 4. Worcester.
Williams, 11; Dartmouth, 2. Williamstown.
Hobart, 15; Syracuse, 1. Syracuse.
Manhattan, 28; Trinity, 8. Hartford.
25. Chicago, 15; University of Pennsylvania, 10. Philadelphia.
Manhattan, 6; Cornell, 1. Jasper Field.
26. Holy Cross, 8; Georgetown, 1. Worcester.
27. Princeton, 22; Cornell, 0. Princeton.
Manhattan, 19; Lafayette, 5. Jasper Field.
Yale, 31; Chicago, 5. New Haven.
Amherst, 9; Harvard, 5. Amherst.
Brown, 13; Georgetown, 6. Providence.
St. Francis Xavier, 12; Columbia Freshmen, 5. New York.
28. Harvard, 10; Chicago, 7. Cambridge.
Brown, 16; Holy Cross, 5. Providence.
29. Wesleyan, 15; Georgetown, 2. Middletown.
30. Manhattan, 5; Georgetown, 4. Jasper Field.
Holy Cross, 10; Dartmouth, 5. Worcester.
Lafayette, 5; Lehigh, 4. Easton.
Brown, 6; Yale, 4. Providence.
University of Pennsylvania, 26; Cornell, 9. Ithaca.
Niagara, 9; Toronto, 3. Niagara Falls.
Williams, 10; Amherst, 9. Williamstown.
June 1. Brown, 32; Dartmouth, 4. Hanover.
2. University of Pennsylvania, 11; Cornell, 2. Philadelphia.
Vermont, 2; Amherst, 1. Amherst.
3. Harvard, 6; Brown, 1. Providence.
Georgetown, 8; Cornell, 5. Scranton.
Wesleyan, 31; Manhattan, 2. Middletown.
Yale, 19; Vermont, 7. New Haven.
Williams, 9; Trinity, 4. Williamstown.

4. Wesleyan, 8; Vermont, 5. Middletown.
5. Brown, 16; Vermont, 4. Providence.
6. Princeton, 5; Yale, 0. Princeton.
Holy Cross, 17; Vermont, 1. Worcester.
Dartmouth, 21; Williams, 19. Hanover.
Cornell, 6; Oberlin, 5. Ithaca.
8. Hobart, 10; Oberlin, 2. Geneva.
10. Harvard, 8; Princeton, 5. Princeton.
Lehigh, 7; University of Pennsylvania? Philadelphia.
Amherst Freshmen, 8; Williams Freshmen, 7. Amherst.
12. Amherst, 3; Dartmouth, 2. Amherst.
13. Yale, 8; Princeton, 4. New York.
Harvard, 10; Cornell, 3. Cambridge.
Amherst, 14; Dartmouth, 3. Amherst.
15. Brown, 4; Harvard, 4. Cambridge.
16. University of Pennsylvania, 4; Lafayette, 1. Easton.
17. Yale, 4; Amherst, 2. Amherst.
Brown, 3; Holy Cross, 0. Providence.
18. Princeton, 4; Harvard, 2. Cambridge.
Williams, 11; Yale, 1. Williamstown.
20. Williams, 7; Amherst, 3. Williamstown.
22. Williams, 5; Amherst, 3. Amherst.
23. Princeton, 4; Yale, 3. New Haven.
Harvard, 2; University of Pennsylvania, 0. Cambridge.
27. Chicago, 1; Brown, 0. Chicago.

FOOTBALL.

SUMMARIES FOR 1895.

Team.	Games.			Points.	
	Won.	Lost.	Tied.	Won.	Lost.
Pennsylvania	14	0	0	480	24
Yale	14	0	2	318	38
Princeton	10	1	1	224	28
Harvard	8	2	1	179	35
Cornell	2	4	1	28	91
Brown	7	5	1	150	85
Amherst	6	5	0	174	154
Dartmouth	6	5	1	174	95
Williams	4	5	0	85	177
West Point	5	2	0	141	32

SUMMARIES FOR 1896.

PRINCETON.

	Points made.	Points by opponents.		Points made.	Points by opponents.
Rutgers	44	0	Lawrenceville	46	0
Lafayette	0	0	Cornell	37	0
Lehigh	16	6	Harvard	12	0
Indians	22	0	Yale	24	6
Military Cadets	11	0			
Virginia	48	0	Totals	299	12
Penna. State	39	0	One tie, no defeats.		

LAFAYETTE.

	Points made.	Points by opponents.		Points made.	Points by opponents.
Volunteers	44	0	Wyoming Sem.	23	0
Princeton	0	0	Franklin and Marshall	38	0
West Virginia	18	0	Wesleyan	18	0
West Virginia	6	0	Naval Cadets	18	6
West Virginia	34	0			
Univ. of Penn.	6	4			
Dickinson	18	0	Totals	223	10

No defeat, one tie.

UNIVERSITY OF PENNSYLVANIA.

Gettysburg	32	0	Brown	16	0
Franklin and Marshall	24	0	Dickinson	30	2
Bucknell	40	0	Indians	21	0
Naval Cadets	8	0	Penn. State	27	0
Dartmouth	16	0	Graduates	32	6
Virginia	20	0	Harvard	8	6
Lehigh	34	0	Cornell	32	10
Amherst	14	0			
Lafayette	4	6	Totals	358	30

One defeat.

YALE.

Trinity	6	0	Elizabeth A. C.	12	6
Amherst	12	0	Military Cadets	16	2
Brown	18	0	Boston A. A.	10	0
Orange	12	0	Brown	18	6
Williams	22	0	N. Jersey A. C.	16	0
Dartmouth	42	0	Princeton	6	24
Wesleyan	16	0			
Indians	12	6	Totals	218	44

One defeat.

HARVARD.

Williams	6	0	Indians	4	0
Trinity	34	0	Princeton	0	12
Newton A. A.	18	0	Boston A. A.	6	8
Wesleyan	28	0	Univ. of Pa.	6	8
Brown	12	0			
Cornell	13	4	Totals	132	40
Graduates	5	8			

Four defeats.

INDIANS.

Dickinson	28	6	Cincinnati Univ.	30	0
Duquesne A. C.	18	0	Penn. State	48	5
Princeton	6	22	Brown	12	24
Yale	6	12			
Harvard	0	4	Totals	148	94
Univ. of Pa.	0	21			

Five defeats.

NORTHWESTERN UNIVERSITY.

Evanstown High S.	20	0	Coll. Phys. Surg.	16	6
Englewood	20	0	Univ. of Ill.	10	4
Chicago A. A.	4	0	Univ. of Chicago	6	18
Armour Inst.	40	0	Univ. of Wisconsin	6	6
Beloit College	6	6			
Chicago Univ.	46	0	Totals	174	42

Two ties, one defeat.

CORNELL.

	Points made.	Points by opponents.		Points made.	Points by opponents.
Colgate	6	0	Bucknell	54	0
Syracuse	22	0	Williams	0	0
West. Reserve	48	0	Harvard	10	32
Tufts	18	0			
Princeton	0	37	Totals	162	82
Harvard	4	13	One tie, three defeats.		

BROWN.

Wor. Poly	20	0	Dartmouth	10	10
Yale	0	18	Yale	6	18
Amherst	44	6	Military Cadets	6	8
Harvard	0	12	Indians	24	12
Lehigh	16	0			
Univ. of Penn.	0	16	Totals	126	100
			One tie, five defeats.		

WESLEYAN.

New Britain Y. M. C. A	22	0	Tufts	28	4
Williams	0	6	Military Cadets	12	12
Worcester Tech	12	4	Trinity	24	12
Harvard	0	28	Lafayette	0	18
Amherst	6	0	N. Jersey A. C.	10	12
Yale	0	16			
Amherst	4	6	Totals	118	118
			One tie, six defeats.		

WILLIAMS.

Laureate Club	12	4	Bowdoin	22	0
Andover	24	0	Amherst	4	6
Harvard	0	6	Cornell	0	0
Colgate	6	0	Dartmouth	0	10
Wesleyan	4	0			
Yale	0	22	Totals	96	54
Syracuse	24	6	One tie, four defeats.		

DARTMOUTH.

Worcester A. A.	30	0	Amherst	32	0
University of Pennsylvania	0	16	Williams	10	0
Yale	0	42	Newton A. A.	12	6
Bowdoin	26	10			
Brown	10	10	Totals	120	84
			One tie, two defeats.		

LEHIGH.

Princeton	0	16	Brown	0	16
Rutgers	44	0	Naval cadets	10	26
University of Pennsylvania	0	34	Maryland A. C.	26	0
University of Mich.	0	40	Totals	80	132

AMHERST.

Yale	0	12	Wesleyan	6	4
Bowdoin	0	0	Trinity	0	12
Brown	6	44	Williams	6	4
University of Penn.	0	14	Dartmouth	0	32
Wesleyan	0	6			
Worcester Tech	40	0	Totals	58	128

INTERCOLLEGIATE FOOTBALL ASSOCIATION.

Records of Games won by each College.

College.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Yale	2	2	0	2	2	3	2	3
Princeton	2	3	1	2	1	1	1	3
Harvard	1	1	0	1	1	2	0	2
Columbia	0	0	0	0	0	0	0	*

* Columbia dropped in 1884.

Association was reorganized in 1885: Yale, Princeton, Harvard, University of Pennsylvania, and Wesleyan.

College.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.
Yale	2	3	4	4	3	3	3	3	3	1	1	0
Princeton	3	3	2	3	4	2	2	1	1	0	0	1
Harvard	0	2	3	2	2	*						
University of Pennsylvania	0	1	0	1	0	1	1	2	†			
Wesleyan	1	0	1	0	1	0	0	0	†			

* Harvard withdrew late in 1889, and † University of Pennsylvania and Wesleyan in 1893.

Princeton — Yale.

1873 — Princeton, 3; Yale, 0.
1876 — Yale, 2 goals; Princeton, 0.
1877 — Yale, 2 touchdowns; Princeton, 0.
1878 — Princeton, 1 goal, Yale, 0.
1879 — Princeton, 4 safeties; Yale 2 safeties.
1880 — Princeton, 13 safeties; Yale 5 safeties.
1881 — Princeton, 0; Yale, 0.
1882 — Yale, 2 goals; Princeton, 1 goal.
1883 — Yale, 6; Princeton, 0.
1884 — Yale, 6; Princeton, 2.
1885 — Princeton, 6; Yale, 0.
1886 — Yale, 4; Princeton, 0.
1887 — Yale, 12; Princeton, 0.
1888 — Yale, 10; Princeton, 0.
1889 — Princeton, 10; Yale, 0.
1890 — Yale, 32; Princeton, 0.
1891 — Yale, 19; Princeton, 0.
1892 — Yale, 12; Princeton, 0.
1893 — Princeton, 6; Yale, 0.
1894 — Yale, 24; Princeton, 0.
1895 — Yale, 20; Princeton, 0.
1896 — Princeton, 24; Yale, 6.

Princeton — Harvard.

1868 — Harvard, 4 safeties; Princeton, 1 touchdown and 1 safety.
1879 — Princeton, 1 goal; Harvard, 0.
1880 — Princeton, 2 goals; Harvard, 1 goal.
1881 — Harvard, 1 safety; Princeton, 1 safety.
1882 — Harvard, 1 goal, 1 touchdown; Princeton, 1 goal.
1883 — Princeton, 26; Harvard, 7.
1884 — Princeton, 36; Harvard, 6.
1886 — Princeton, 12; Harvard, 0.
1887 — Harvard, 12; Princeton, 0.
1888 — Princeton, 18; Harvard, 6.
1889 — Princeton, 41; Harvard, 15.
1895 — Princeton, 12; Harvard, 4.
1896 — Princeton, 12; Harvard, 0.

HARVARD — YALE.

1883 — Yale, 23; Harvard, 2.
1884 — Yale, 52; Harvard, 0.
1886 — Yale, 29; Harvard, 4.
1887 — Yale, 17; Harvard, 8.
1888 — Yale, —; Harvard, ft.
1889 — Yale, 6; Harvard, 0.
1890 — Harvard, 12; Yale, 6.
1891 — Yale, 10; Harvard, 0.
1892 — Yale, 6; Harvard, 0.
1893 — Yale, 6; Harvard, 0.
1894 — Yale, 12; Harvard, 4.

HARVARD — UNIVERSITY OF PENNSYLVANIA.

1881 — Harvard, 2 goals, 2 touchdowns; U. P., 0.
1883 — Harvard, 1 touchdown; U. P., 2 safeties.
1884 — U. P., 4; Harvard, 0.
1886 — Harvard, 28; U. P. 0.
1887 — Harvard, 42; U. P., 0.
1888 — Harvard, 28; U. P., 0.
1889 — Harvard, 35; U. P., 0.
1893 — Harvard, 26; U. P., 4.
1894 — U. P., 18; Harvard, 4.
1895 — U. P., 17; Harvard, 14.
1896 — U. P., 8; Harvard, 6.

1896.

CALENDAR OF GAMES.

(*This record is procured from "Spirit of Times," and is all but complete.*)

Sept. 26. — Yale, 6; Trinity, 0; at Hartford, Conn. Brown University, 20; Worcester Polytechnic Institute, 0; on Lincoln Field, Providence, R. I. University of Pennsylvania, 24; Franklin and Marshall College, 0; at Lancaster, Pa. Pennsylvania State College, 40; Gettysburg College, 0; at State College, Pa. St. Albans, 18; Monmouth College, 16; at Knoxville, Ill. Washington and Jefferson College, 36; Bethany College, 0; at Washington, Pa. Carlisle Indians, 28; Dickinson College, 6; at Carlisle, Pa. Tufts College, 6; Phillips Exeter, 4; at Exeter, N. H. West Virginia University, 6; Geneva College, 0; at Morgantown, W. Va. Cornell University, 6; Colgate University, 0; at Ithaca, N. Y. University of Chicago, 46; Eureka College, 0; at Chicago, Ill.

Sept. 28.—Westminster College, 12; Newcastle College, 0; at New Wilmington, Pa.

Sept. 30. — Yale, 12; Amherst, 0; at New Haven, Conn. University of Pennsylvania, 32; Gettysburg College, 0; at Philadelphia, Pa. Villanova College, 16; Swarthmore, 0; at Swarthmore, Pa.

Oct. 2. — Seton Hall, 22; St. Francis Xavier College, 0; at Orange, N. J.

Oct. 3. — Williams College, 24; Phillips Andover, 0; at Andover, Mass. West Point, 27; Tufts, 0; at West Point, N. Y. Harvard University, 6; Williams College, 0; at Cambridge, Mass. Cornell University, 22; Syracuse University, 0; at Ithaca, N. Y. University of Illinois, 38; Lake Forest University, 0; at Champaign, Ill. De Pauw University, 22; Indiana University, 0; at Greencastle, Ind. Villanova College; 14; Delaware College, 0; at Wilmington, Del. University of Iowa, 32, Drake University, 0; at Iowa City, Ia. Beloit College, 44; Armour Institute, 0; at Beloit, Wis. Pennsylvania State College, 10; Western University of Pennsylvania, 4; at State College, Pa. Trinity College, 12; Mass. Inst. of Technology, 0; at Worcester, Mass. Phillips Exeter, 0; Mass. Inst. of Technology, 0; at Exeter, N. H. Franklin and Marshall College, 24; Gettysburg College, 0; at Lancaster, Pa. University of Pennsylvania, 40; Bucknell University, 0; at Philadelphia, Pa. Bowdoin College, 12; Maine State College, 6; at Brunswick, Me. Princeton University, 44; Rutgers College, 0; at Princeton, N. J. Dickinson College, 40; Ursinus College, 0; at Carlisle, Pa. University of Chicago, 43; Monmouth College, 0; at Chicago, Ill.

Oct. 7. — Lafayette College, 0; Princeton University, 0; at Easton, Pa. Harvard University, 34; Trinity College, 0; at Cambridge, Mass. Yale University, 18; Brown University, 0; at New Haven, Conn. Williams College, 6; Wesleyan University, 0; at Williamstown, Mass. Rutgers College, 20; Ursinus College, 0; at New Brunswick, N. J. Amherst University, 0; Bowdoin College, 0; at Amherst, Mass. University of Pennsylvania, Second Eleven, 36; Villanova

College, 5; at Philadelphia, Pa. University of Pennsylvania, 8; West Point, 0; at Annapolis, Md. Phillips Andover, 12; Tufts College, 8; at Andover, Mass. Colby College, 4; Mass. Inst. of Technology, 0; at Boston, Mass. Boston College, 8; Phillips Exeter, 0; at Exeter, N. H. Northwestern University, 42; Armour Institute, 0; at Evanston, Ill.

Oct. 9. — Bates College, 10; New Hampshire College, 6; at Dover, N. H.

Oct. 10.—Princeton University, 16; Lehigh University, 0; at Princeton, N. J. University of Pennsylvania, 16; Dartmouth College 0; at Philadelphia, Pa. Brown University, 44; Amherst University, 6; at Providence, R. I. Cornell University. 48; Western Reserve University, 0; at Ithaca, N. Y. Wesleyan University, 12; Worcester Polytechnic Inst. 4; at Middletown, Conn. Susquehanna University, 10; Bucknell University, 10; at Selin's Grove, Pa. Kansas University, 26; Emporia College, 0; at Lawrence, Kan. University of Chicago, 6; University of Iowa, 0; at Chicago, Ill. Villanova College, 21; Ursinus College, 0; at Villanova, Pa. Northwestern University, 6; Beloit College, 0; at Evanston, Ill. Bowdoin College, 4; Tufts College, 0; at Brunswick, Me. Colby College, 10; Maine State College, 0; at Orono, Me. University of Buffalo, 62; Rochester University, 0; at Buffalo, N. Y. Hobart College, 6; Union College, 4; at Schenectady, N Y. University of Illinois, 70; Knox College, 4; at Champaign, Ill. Pa. State College, 8; Dickinson College, 0; at State College, Pa. Purdue University, 32; Rush Medical College, 4; at Lafayette, Ind. Boston College, 14; Phillips Andover, 6; at Andover, Mass. Westminster College, 6; Theil College, 6; at New Wilmington, Pa. University of Wisconsin, 34; Lake Forest University, 0; at Madison, Wis. Bates College, 16; Phillips Exeter, 4; at Exeter, N. H. Williams College, 4; Colgate University, 0; at Williamstown, Mass. Haverford College, 4; Franklin and Marshall, 4; at Lancaster, Pa. Washington and Jefferson College, 34; Geneva College, 0; at Beaver Falls, Pa.

Oct. 14. — Yale University, 22; Williams College, 0; at New Haven, Conn. Harvard University, 28; Wesleyan University, 0; at Cambridge, Mass. Princeton University, 22; U. S. Indian School, 6; at Princeton, N. J. Lehigh University, 44; Rutgers College, 0; at South Bethlehem, Pa. Villanova College, 5; Haverford College, 4; at Haverford. Pa. University of Pennsylvania, 20; University of Virginia, 0; at Philadelphia, Pa. Tufts College, 22; Boston College. 8; at Boston, Mass. Hobart College, 22; University of Rochester, 0; at Rochester, N. Y. Phillips Andover, 6; Mass. Inst. of Technology, 6; at Andover, Mass. Illinois Wesleyan College, 22; Illinois College, 0; at Bloomington, Ill. Colby University, 28; New Hampshire State College, 0; at Waterville, Me.

Oct. 16. — Lafayette College, 6; University of West Virginia, 0; Parkersburg, W. Va.

Oct. 17. — Harvard, 12; Brown, 0; at Cambridge, Mass. Yale, 42; Dartmouth, 0; at New Haven, Conn. Cornell University, 18; Tufts College, 0: at Ithaca. N.Y. University of Michigan, 66; Lake Forest University, 0; at Ann Arbor, Mich. Lafayette College, 26; West Virginia University, 0; at Wheeling, W. Va. Bucknell University, 0; University of Pennsylvania (Second Eleven), 0; at Lewisburg, Pa. Missouri Valley College, 0; Missouri State University (Second Eleven), 0; at Marshall, Mo. University of Wisconsin, 50; Rush Medical College, 0; at Madison, Wis. Wesleyan University, 6; Amherst University, 0; at Middletown, Conn. Williams College, 24; Syracuse University, 6; at Albany, N. Y. Swarthmore College, 44; Delaware College, 0; at Swarthmore, Pa. Dickinson College, 40; Susquehanna University, 0; at Carlisle. Pa. Eureka College, 16; Illinois Wesleyan University, 0; at Eureka, Ill. Bates College, 4; Maine State College, 4; at Lewiston, Me. Nebraska State University, 20; Doane College, 0; at Lincoln, Neb. Miami University, 23; Earlham College, 0; at Richmond, Ind. University of Chicago, 30; Oberlin College, 0; at Chicago, Ill. Center College, 46; Vanderbilt University, 0; at Danville, Ky. University of Illinois, 10; University of Missouri, 0; at De Hodiamont, Mo. University of Virginia, 48; St. John's College, 0; at Charlottesville, Va. Pennsylvania Military College, 8; University of Pennsylvania Freshmen, 0; at Chester, Pa. Trinity College, 16; Mass. Inst. of Technology, 6; at Hartford, Conn. St. Louis University, 8; Washington University, 0; at St. Louis, Mo. Hamilton College, 44; St. Lawrence University, 0; at Clinton, N. Y. Rutgers College, 6; Haverford College, 2; at New Brunswick, N. J. Iowa Wesleyan University, 10; Knox College, 6; at Galesburg, Ill. Kenosha University, 6; Casterton College, 0; at Kenosha, Wis. Washington and Jefferson College, 54; Thiel College, 0; at Washington, Pa.

Oct. 21. — Princeton University, 48; University of Virginia, 0; at Princeton, N.J.

Yale, 16; Wesleyan, 0; at New Haven. University of Pennsylvania, 14; Amherst University, 0; at Philadelphia, Pa. Villanova College, 10; Swarthmore, 0; at Villanova, Pa. Rutgers College, 10; Stevens Institute, 0; at New Brunswick, N.J. Bowdoin College, 12; Colby College, 0; at Brunswick, Me. Mass. Inst. of Technology, 0; Tufts College, 0; at College Hill, Mass. University of Chicago, 36; Armour Institute, 0; at Chicago, Ill. University of Illinois, 22; Oberlin College, 6; at Champaign, Ill.

Oct. 22. — Annapolis, 48; St. John's College, 0; at Annapolis, Md.

Oct. 24. — Yale University, 12; Carlisle Indians, 6; in New York City. (But for W. O. Hickok's admittedly erroneous decision, the score would have been 12 to 11, or possibly 12 to 12.) Lafayette, 6; University of Pennsylvania, 4; at Philadelphia, Pa. Harvard University, 13; Cornell University, 4; at Ithaca, N. Y. University of Michigan, 16; Purdue University, 0; at Lafayette, Ind. St. John's College, 9; Gallaudet College, 8; at Annapolis, Md. Colgate University, 6; Syracuse University, 0; at Hamilton, N. Y. Williams College, 22; Bowdoin College, 0; at Williamstown, Mass. University of Cincinnati, 6; Ohio University, 0; at Cincinnati, O. Brown University, 16; Lehigh University, 0; at Providence, R. I. Haverford College, 24; Delaware College, 0; at Haverford, Pa. Monmouth College, 16; Knox College, 0; at Galesburg, Ill. Oberlin College, 16; Ohio State University, 0; at Oberlin, O. Maine State College, 24; Bates College, 0; at Orono, Me. Holy Cross College, 0; Boston University, 0; at Worcester, Mass. Eureka College, 40; Illinois College, 0; at Eureka, Ill. Northwestern University, 46; University of Chicago, 6; at Chicago, Ill. Princeton University, 39; Pennsylvania State College, 0; at Princeton, N. J. Christian Brothers' College, 16; Shurtleff College, 6; at St. Louis, Mo. University of Minnesota, 18; Ames University, 6; at Minneapolis, Minn. Rutgers College, 16; Swarthmore College, 10; at Swarthmore, Pa. West Point, 44; Union College, 0; at West Point, N. Y. Indiana University, 22; Indianapolis University, 0; at Indianapolis, Ind. University of Pennsylvania Reserves, 6; U. S. Naval Cadets, 0; at Annapolis, Md. Virginia Military Academy, 12; Washington and Lee University, 0; at Lexington, Va. Amherst University, 14; Worcester Polytechnic Institute, 6; at Amherst, Mass. Kentucky State College, 26; Kentucky University, 6; at Lexington, Ky. Harvard University Freshmen, 4; Phillips Exeter, 0; at Cambridge, Mass. Iowa Wesleyan University, 34; Parsons College, 0; at Mount Pleasant, Ia. University of Wisconsin, 56; Grinnell University, 0; at Madison, Wis. New York University, 40; Stevens Institute, 0; at University Heights, New York City. Washburn College, 32; Midland College, 11; at Atchison, Kan.

Oct. 26. — University of Iowa, 6; Kansas University, 0; at Iowa City, Ia. Missouri Valley, College, 44; Central College, 6; at Marshall, Mo. University of Nebraska, 8; University of Missouri, 4; at Columbia, Mo.

Oct. 27. — Syracuse University, 62; Rochester University, 4; at Syracuse, N. Y.

Oct. 28. — Harvard Graduates, 8; Harvard University, 5; at Cambridge, Mass. Trinity College, 16; Tufts College, 2; at Hartford, Conn. University of Pennsylvania, 16; Brown University, 0; at Philadelphia, Pa. Amherst University, 6; Wesleyan University, 4; at Amherst, Mass. Dartmouth College, 26; Bowdoin College, 10; at Hanover, N. H. Villanova College, 12; Ursinus College, 4; at Collegeville, Pa. Phillips Andover Academy, 5; Boston University, 4; at Andover, Mass.

Oct. 30. — Hamilton College, 30; Rochester University, 0; at Utica, N. Y.; De Pauw University, 20; Wabash College, 0; at Greencastle, Ind. St. Albans College, 34; Lombard College, 0; at Knoxville, Ill.

Oct. 31. — Princeton University, 37; Cornell University, 0; at Princeton, N. J. Harvard University, 4; Carlisle Indians, 0; at Cambridge, Mass. Yale University, 16; West Point, 2; at West Point, N. Y. Annapolis, 40; Rutgers College, 6; at Annapolis, Md. University of Michigan, 40; Lehigh University, 0; at Detroit, Mich. Trinity College, 12; Amherst University, 0; at Amherst, Mass. Western Reserve University, 0; Oberlin College, 0; at Cleveland, O. Colby College, 4; Maine State College, 0; at Waterville, Me. Lafayette College, 18; Dickinson College, 0; at Easton, Pa. Shurtleff College, 22; Blackburn University, 0: at Alton Ill. Grove City College, 14; Theil College, 0; at Grove City Pa. University of Chicago, 12; University of Illinois, 0; at Chicago, Ill. on Marshall Field. University of Virginia, 44; Virginia Polytechnic Inst. 0; at Charlottesville, Va. Centre College, 32; Kentucky State University, 0; at Danville, Ky. Virginia Military Institute, 14; St. John's College, 0; at Lexington, Va. Middlebury College, 4; St. Albans College, 4; at St. Albans, Vt. Phillips Exeter, 16; Boston Uni-

versity, 0; at Exeter, N. H. University of Wisconsin, 6; Beloit College, 6; at Beloit, Wis. Nebraska University, 18; Nebraska Wesleyan University, 8; at Lincoln, Neb. Knox College, 10; Eureka College, 4; at Galesburg, Ill. Bowdoin College, 10; Phillips Andover Academy, 0; at Lawrence, Mass. University of Buffalo, 6; St. Bonaventura College, 4; at Buffalo, N. Y. Gettysburg College, 12; Swarthmore College, 4; at Harrisburg, Pa. Bucknell University, 10; Pennsylvania State College, 0; at Williamsport, Pa. Ohio Wesleyan University, 8; Otterbein College, 0; at Delaware, O. Wesleyan University, 28; Tufts College, 4; at Middletown, Conn. Mount St. Mary's College, 12; Gallaudet College, 0; at Emmittsburg, Md.

Nov. 2. — University of Virginia, 6; St. Albans College, 0; at Charlottesville, Pa.

Nov. 3. — Brown University, 10; Dartmouth College, 10; at Providence, R. I. University of Pennsylvania, 30; Dickinson College, 2; at Philadelphia, Pa.

Nov. 4. Colby College, 8; Bates College, 0; at Waterville, Me.

Nov. 5. Christian Brothers College, 30; University, 0; at St. Louis, Mo.

Nov. 6. Wesleyan University, 12; West Point, 12; at West Point, N. Y. Monmouth College, 18; Iowa Wesleyan University, 0; at Monmouth, Ill.

Nov. 7. Princeton University, 12; Harvard University, 0; at Cambridge, Mass. University of Pennsylvania, 21; Carlisle Indian School, 0; at Philadelphia, Pa. Yale University, 18; Brown University, 6; at Providence, R. I. Yale Freshmen, 42; Phillips Andover, 4; at Andover, Mass. Cornell University, 54; Bucknell University, 0; at Ithaca, N. Y. Amherst University, 6; Williams College, 4; at Williamstown, Mass. University of Michigan, 6; University of Minnesota, 4; at Minneapolis, Minn. Trinity College, 40; New York University, 0; at Hartford, Conn. Northwestern University, 10; University of Illinois, 4; at Champaign, Ill. Whitman College, 6; Tufts College, 0; at Whitman, Mass. Boston College, 6; Holy Cross College, 2; at Worcester, Mass. Missouri University, 26; Vanderbilt University, 6; at St. Louis, Mo. Geneva College, 16; Westminster College, 4; at New Wilmington, Pa. University of Buffalo, 6; University of Syracuse, 6; at Buffalo, N. Y. University of Wisconsin, 24; University of Chicago, 0; at Madison, Wis. Purdue University, 22; De Pauw University, 0; at Lafayette, Ind. University of Kansas, 18; University of Nebraska, 4; at Lawrence, Kan. Washington and Lee University, 6; Roanoke College, 0; at Roanoke, Va. Mount St. Mary's College, 8; Maryland University, 0; at Emmittsburg, Md. Franklin and Marshall College, 10; Swarthmore College, 0; at Swarthmore, Pa., on Whittier Field. Iowa Agricultural College, 42; Iowa College, 0; at Des Moines, Ia. Union College, 10; Rutgers College, 0; at Albany, N. Y. Dickinson College, 32; Haverford College, 0; at Carlisle, Pa. Oberlin College, 58; Kenyon College, 0; at Oberlin, O. Eastman College, 0; St. Stephen's College, 0; at Annandale, N. Y. State College, 60; Central University, 0; at Lexington, Ky.

Nov. 9. University of Iowa, 12; University of Missouri, 0; at Columbia, Mo.

Nov. 10. Lake Forest University, 0; University of Chicago, 0; at Chicago, Ill., on Marshall Field.

Nov. 11. Swarthmore College, 12; Pennsylvania Military College, 6; at Swarthmore, Pa. Stevens Institute, 10; Rutgers College, 0; at Hoboken, N. J.; at St. George Cricket Club. Bowdoin College, 6; Colby College, 6; at Waterville, Me. Grove City College, 30; Westminster College, 0; at Grove City, Pa.

Nov. 13. University of Louisiana, 12; University of Mississippi, 4; at Vicksburg, Miss. Ripon College, 12; Lake Forest University, 0; at Ripon, Wis.

Nov. 14. Annapolis Cadets, 24; Lehigh University, 10; at Annapolis, Md. University of Pennsylvania Reserves, 11; West Point Cadets, 0; at West Point, N. Y. Cornell University, 0; Williams College, 0; at Buffalo, N. Y. University of Pennsylvania, 27; Pennsylvania State College, 0; at Philadelphia, Pa., on Franklin Field. Boston College, 8; Holy Cross College, 6; at Boston, Mass. Shurtleff College, 24; Washington University, 0; at Alton, Ill. Centre College, 48; Kentucky State College, 0; at Lexington, Ky. Dartmouth College, 32; Amherst University, 0; at Amherst, Mass. Monmouth College, 14; St. Albans College, 0; at Monmouth, Ill. University of Kansas, 16; Doane College, 4; at Lawrence, Kan. Gettysburg College, 6; University of Maryland, 0; at Gettysburg, Pa. Albion College, 6; Kalamazoo College, 4; at Albion, Mich. University of Chicago, 18; Northwestern University, 6; at Evanston, Ill. Lafayette College, 38; Franklin and Marshal College, 0; at Easton, Pa. Miami University, 6; University of Indianapolis, 0; at Indianapolis, Ind.

Haverford College, 10; St. John's College, 10; at Haverford, Pa. Wesleyan University, 24; Trinity College, 12; at Middletown, Conn. Hamilton College, 10; Rensselaer Institute, 0; at Troy, N. Y. University of Michigan, 10; Oberlin College, 0; at Ann Arbor, Mich. Carlisle Indian School, 28; University of Cincinnati, 0; at Cincinnati, O. University of Tennessee, 6; Polytechnic Institute of Virginia, 4; at Knoxville, Tenn. Washington and Jefferson College, 8; Western Reserve University, 0: at Cleveland, O. Institute for Deaf and Dumb, 18; Ursinus College, 10, at Collegeville, Pa. Purdue University, 28; University of Notre Dame, 22; at South Bend, Ind. Villanova College, 24; Pennsylvania Military College, 6; at Chester, Pa. Phillips Andover, 28; Phillips Exeter, 0; at Andover, Mass. Bowdoin College, 22; Bates College, 0; at Lewiston, Me. Wabash College, 18. Earlham College, 0; at Richmond, Ind. Eureka College, 40; Knox College, 0; at Eureka, Ill.

Nov. 16. Centenary College, 62; Monroe City College, 0; at Palmyra, Mo. Parsons College, 18; Iowa Wesleyan University, 0; at Fairfield, O. Alabama Agricultural College, 38; Sewanee University, 0; at Montgomery, Ala. Grove City College, 6; Westminster College, 0; at New Wilmington, Pa.

Nov. 18. Haverford College, 42; Swarthmore College, 6; at Swarthmore, Pa. Pennsylvania Military College, 14; Delaware College, 0; at Chester, Pa. Oberlin College, 6; Western Reserve University, 6; at Cleveland, O. Illinois State University, Second Eleven, 56; Lincoln University, 4; at Normal, Ill.

Nov. 19. University of Nebraska, 12; Ames Agricultural College, 4; at Lincoln, Neb.

Nov. 20. New York University, 6; Hamilton College, 0; in New York City. Drake University, 12; Monmouth College, 0; at Monmouth, Ill.

Nov. 21. Princeton University, 24; Yale University, 6; Manhattan Field, New York. University of Pennsylvania, 8; Harvard University, 6; Franklin Field, Philadelphia. Harvard University Freshmen, 26; University of Pennsylvania Freshmen, 0; at Cambridge, Mass. on Soldiers' Field. Carlisle Indian School, 48; Pennsylvania State College, 0; at Harrisburg, Pa. Lafayette College, 18; Wesleyan University, 0; at Easton, Pa. West Point Cadets, 10; Brown University, 6; at West Point, N. Y. University of Wisconsin, 6; University of Minnesota, 0; at Madison, Wis. University of Michigan, 28; Wittenberg College, 0; at Ann Arbor, Mich. University of Virginia, 6; Gallaudet College, 0; at Charlottesville, Pa. Kentucky State College, 16; Georgetown College, 0; at Georgetown, Ky. Indiana University, 12; Du Pauw University, 0; at Bloomington, Ind. Colorado College, 12; Denver University, 0; at Colorado Springs, Col. Shurtleff College, 26; Christian Brothers College, 0; at Alton, Ill. Dartmouth College, 10; Williams College, 0; at Hanover, N. H. Bucknell College, 6; Dickinson College, 0; at Sunbury, Pa. Knox College, 6; Drake University, 0; at Galesburg, Ill. Washington and Lee University, 6; Virginia Military Institute, 0; at Lexington, Va. Haverford College, 6; Delaware College, 0; at Wilmington, Del. Oberlin College, 34; Case School, 0; at Oberlin, O.

Nov. 25. Princeton Freshmen, 14; Yale Freshmen, 4; at Princeton, N. J.

Nov. 26. Brown University, 24; Carlisle Indian School, 12; Manhattan Field, New York. University of Pennsylvania, 32; Cornell University, 10; Franklin Field, Philadelphia. Lafayette College, 18; Annapolis Cadets, 6; at Annapolis, Md. Northwestern University, 6; University of Wisconsin, 6; at Evanston, Ill. University of Virginia, 46; University of North Carolina, 0; at Richmond, Va. Hamilton College, 16; University of Rochester, 10; at Rochester, N. Y. Chicago University, 7; University of Michigan, 6; at Coliseum Building, Chicago, Ill. Purdue University, 4; University of Illinois, 4; at Lafayette, Ill. Boston College, 10; Boston University, 0; at Boston, Mass. Monmouth College, 12; Knox College, 0; at Monmouth, Ill. University of Nebraska, 0; University of Iowa, 0; at Omaha, Neb. University of Georgia, 12; Auburn College, 6; at Atlanta, Ga. University of Kansas, 30; University of Missouri, 0; at Kansas City, Mo. Gallaudet College, 10; Columbian University, 8; Kendall Green, Washington, D. C. Virginia Polytechnic Institute, 24; Virginia Military Institute, 0; at Roanoke, Va. Franklin and Marshall, 0; Bucknell University, 0; at Lancaster, Pa. Hobart College, 6; University of Buffalo, 6; at Buffalo, N. Y. St. Bonaventure College, 4; Lancaster College, 0; Olympic Park, Buffalo, N. Y. (Game stopped by Referee Hinkey after first touchdown because of brutality.) Stanford University, 20; University of California, 0; at San Francisco, Cal. Pennsylvania Military College, 16; Haverford College, 12; at

Chester, Pa. Cincinnati University, 12; Kentucky Central University, 12; at Cincinnati, O. Ohio Wesleyan, 16; Marietta College, 0; at Marietta, O. University of Notre Dame, 8; Beloit College, 0; at South Bend, Ind. Drury College, 32; Arkansas University, 0; at Springfield, Mo. Wittenberg College, 10; Otterbein College, 0; at Springfield, O. Eureka College, 16; Illinois College, 4; at Pekin, Ill. De Pauw University, 10; Miami College, 6: at Greencastle, Ind. Case School, 12; Western Reserve, 8; at Cleveland, O. Kenyon College, 34; Ohio State University, 18; at Columbus, O. Bethany College, 38; Altenheim College, 4; at Wellsburg, W. Va. Vanderbilt University, 10; Sewanee University, 4; at Nashville, Tenn. Thiel College, 24; Allegheny College, 4; at Greenville, Pa. State University, 22; Dallas University, 4; at Austin, Tex. University of Tennessee, 30; Central University of Kentucky, 0; at Knoxville, Tenn. St. Ignatius College, 20; Detroit College, 0; at Detroit, Mich. Gettysburg College, 64; Western Maryland College, 0; at Gettysburg, Pa. Mount Union College, 32; Buchtel College, 0; at Alliance, O.

Nov. 28. Carlisle Indian School, 48; Pennsylvania State College, 5; at State College, Pa. West Point Cadets, 8; Brown University, 6; at West Point. University of Iowa, 6; University of Nebraska, 0; at Omaha, Neb. University of Minnesota, 12; University of Kansas, 0; at Kansas City, Mo.

Nov. 30. University of California, 20; Leland Stanford, Jr., 0; San Francisco. University of Minnesota 12; University of Kansas, 0; at Kansas City, Mo. University of Iowa, 6; University of Nebraska, 0; at Omaha, Neb. Annapolis Cadets (scrub), 22; Gallaudet College 6; Annapolis, Md. Center College, 6; West Virginia University, 0; at Charleston, W. Va.

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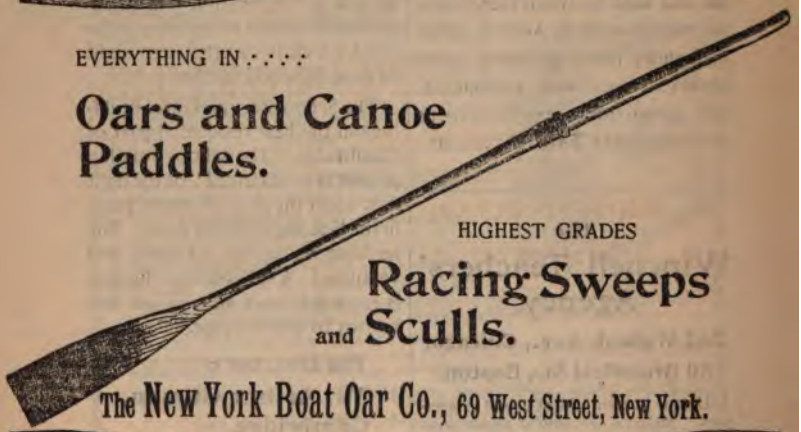

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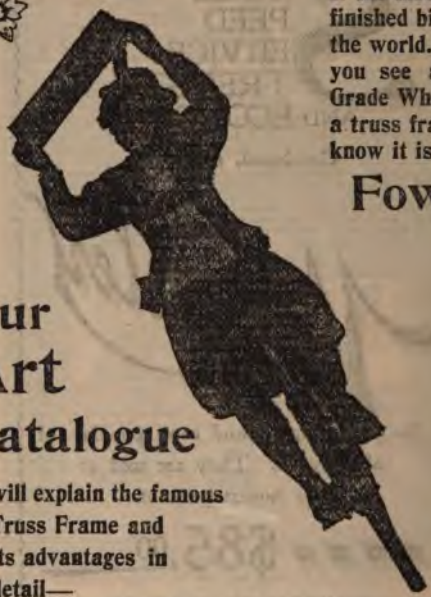

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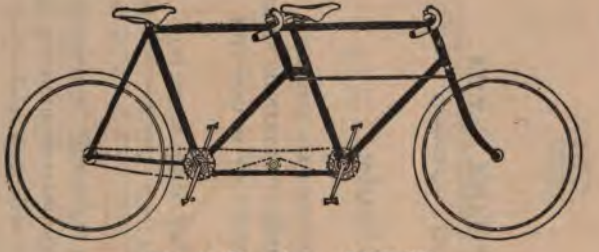

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